SHEET NO.	NAME	SECTION	I - BARRIER
B-I			
	(2002) - 3 SECTION VIEWS		
	(2002) - 5 GRADING FOR GUARDRAIL END TREATMENT, TYPE Z		
R-2 (2002)	- CHADDAN OVER CHIVERT TVDE I		
B-3 (2002)	- CHADDAN OVER CULYERTS, FIFE I		
B-4 (2001)	- CHOVED CHADDON CECTION		
B-5 (2002)			
B-6			
D 0			
B-7	- CITARDRAIL TO RAPPIER CONNECTION APPROACH TYPE I		
.	(2002) - I DIAN ELEVATION AND SECTIONS		
	(2001) - 2 WOOD RECOVERED BY WOOD RECOVER READING DEATE DEED DAIL TO	RADDIED CONNECTION DETAILS	
	(2001) - 3 RENT PLATE PUR PAIL DETAILS	SANNER CONNECTION DETAILS	
B-8	- CHARDRAIL TO BARRIER CONNECTION APPROACH TYPE 2		
50	(2002) - I PLAN FLEVATION AND SECTIONS		
	(2001) - 2 NOTES BENT RAIL DETAILS BLOCK SCHEDULE		
B-9 (2002)	- CHARDRAIL TO BARRIER CONNECTION FYIT TYPE		
B-I0 (2002)	- BRIDGE RAIL RETROFIT. TYPE I		
B-II	- BRIDGE RAIL RETROFIT, TYPE 2		
	•		
B-I2 (2001)			
B-13			
	(2004) - 3 W-BEAM TERMINAL CONNECTOR		
	(2004) - 4 THRIE BEAM DETAILS		
	(2004) - 5 THRIE BEAM STEEL POST AND OFFSET BLOCK		
	(2004) - 6 W-THRIE BEAM TRANSITION SECTION		
	(2004) - 7 WOOD BLOCK, SOIL PLATE, SHORT WOOD BREAKAWAY POST, STEEL TUBE, L	ONG WOOD BREAKAWAY POST	
	(2004) - 9 REFLECTORIZED WASHER AND BEARING PLATE DETAIL		
	(2004) - IO GUARDRAIL BOLT & RECESSED NUT		
	(2004) - II 5/8" (16) HEX BOLT, HEX NUT, & STEEL WASHER, HIGH-STRENGTH STRUCTURAL	HEX BOLT & HEX NUT	
	(2004) - 12 15/6" (24) HEX NUT & STEEL WASHER, 5/8" (16) CARRIAGE BOLT, HEX NUT, & S	TEEL WASHER	
5	(2004) - 13 GUARDRAIL MOUNTED RAIL *DETAIL ON HOLD*		
B-14	- CONCRETE SAFETY BARRIER (F SHAPE)		
	(2001) - I TYPICAL CAST IN PLACE OR SLIP FORM CONSTRUCTION		
	(2001) - 3 SLOTTED PLATE CONNECTION DETAILS		

SECTION I - BARRIER (CONT'D)

SHEET NO. NAME
B-IS — PORTABLE CONCRETE SAFETY BARRIER (F SHAPE)
(2001) - I PLAN, ELEVATION, AND SECTION VIEW *DETAIL DELETED - SEE SPECIFICATIONS* (2001) - 2 CURVE SECTION *DETAIL DELETED - SEE SPECIFICATIONS*
(2001) - 3 TAPERED END SECTION *DETAIL DELETED - SEE SPECIFICATIONS*
(2001) - 4 TYPICAL REINFORCEMENT DETAILS *DETAIL DELETED - SEE SPECIFICATIONS*
(2001) - 4 JOINT CONNECTION DETAILS *DETAIL DELETED - SEE SPECIFICATIONS*
SECTION II - CURB & GUTTER
SHEET NO. NAME
C-I (2004)— P.C.C. CURB, P.C.C. CURB & GUTTER, AND HOT-MIX CURB.
C-2 — CURB RAMPS
(200 4) - I TYPE I
(2004) - 2 TYPES 2, 3, & 4
(2004) - 3 SECTIONS FOR TYPES 2, 3, & 4
(2004) - 4 TYPE 5
C-3 (2001) — ENTRANCES
C-4 — CURB_OPENINGS
(2001) - I TYPES A, B, & C
(2001) - 2 TYPES D & E
(2001) - 3 TIPES F & G
SECTION III - DRAINAGE
SECTION III - DRAINAGE
SHEET NO. NAME
D-I — 6:I SAFETY END STRUCTURE
(2001) - I DETAIL VIEWS
(2001) - 2 SCHEDULES
D-2 — IO: SAFETY END STRUCTURE
(2001) - I DETAIL VIEWS
(2001) - 2 SCHEDULES
D-3 (2001) — SAFETY END STRUCTURE GRATE D-4 (2002)— INLET BOX DETAILS
D-4 (2002)— INLET BOX DETAILS
(2002) - I DRAINAGE INLET ASSEMBLY
(2002) - 2 DRAINAGE INLET FRAME AND GRATES
(2004) - 3 DRAINAGE INLET TOP UNITS
(2002) - 4 Drainage inlet cover slab details
(2002) - 5 DOUBLE INLET COVER SLAB DETAILS
(2004) - 6 DRAINAGE INLET 34" (865) x 24" (610) DETAILS
(2002) - 7 DRAINAGE INLET 34" (865) x 18" (455) DETAILS
(2002) - 8 LAWN INLET DETAIL

INDEX OF SHEETS (2004)

SECTION III - DRAINAGE (CONT'D)

SHEET NO), NAME			
D-6	- MANHOLE DETAILS			
(2001) - I BOX MANHOLE ASSEMBLY			
	2001) - 2 ROUND MANHOLE ASSEMBLY			
	2001) - 3 MANHOLE FRAME AND COVER			
	2002) - 4 BOX MANHOLE COVER SLAB			
	— JUNCTION BOX DETAILS			
19	2002) - I JUNCTION BOX ASSEMBLY			
D_0 (2001)	2002) - 2 JUNCTION BOX COVER SLAB			
D-0 (2001)	- PIPE BEDDING			
D-3 (2004) — PERFORATED PIPE UNDERDRAIN			
		SECTION 1	V - EROSION	
SHEET NO	•			
	- INCREMENTAL STABILIZATION			
E-2 (2001)	- SILT FENCE			
E-3 (2001)	- DRAINAGE INLET SEDIMENT CONTROL			
E-4 (2001)	- CURB INLET SEDIMENT CONTROL			
	- STONE CHECK DAM			
E-6 (2001)	— SEDIMENT TRAP			
E-7 (2001)	- SEDIMENT TRAP, USING DRAINAGE INLET AS OUTLET.			
E-8	- RISER PIPE ASSEMBLY FOR SEDIMENT TRAP			
(2001) - I ELEVATION			
(2001) - 2 TRASH HOOD DETAILS			
E-9 (2001)	— EROSION CONTROL BLANKET APPLICATIONS			
E-10 (2001) — RIPRAP DITCH			
E-II (2001)				
) — PERIMETER DIKE/SWALE			
E-13 (2001)) — EARTH DIKE			
E-14 (2001)) — TEMPORARY SLOPE DRAIN			
E-15 (2001)) — STILLING WELL			
E-16 (2001)) — SUMP PIT, TYPE 1& 2			
E-17 (2001)) — DEWATERING BASIN			
E-18 (2001)) — GEOTEXTILE-LINED CHANNEL DIVERSION			
) — SANDBAG DIVERSION			
	II) — SANDBAG DIKE			
) — STABILIZED CONSTRUCTION ENTRANCE			
E-22 (200	D — SKIMMER DEWATERING DEVICE			
E-23				
(2001) - I FLOATING TURBIDITY CURTAIN			
(2001) - 2 STAKED TURBIDITY CURTAIN			
E-24 (200	I) — PORTABLE SEDIMENT TANK			
E-25 (200)	i) — TURF REINFORCEMENT MAT APPLICATIONS			

INDEX OF SHEETS (2004)

SECTION V - MISCELLANEOUS

SHEET NO. NAME	
M-I (2001) — RIGHT-OF-WAY FENCE	
M-3 (2004) — REMOVABLE BOLLARD.	
M-5 (2004) — WOOD RAIL FENCE	
M-6 (2004) — PATTERNED HOT-MIX	OR CONCRETE & BRICK PAVER

SECTION VI - PAVEMENT

SHEET NO	O. NAME
P-I	— P.C.C. PAVEMENT
	(2001) - I SLAB PLAN (WITH DOWEL AND TIE LOCATIONS)
	(2004) - 2 JOINT AND SEALANT DETAILS
	(2001) - 3 W BOLT, HOOK BOLT, DOWEL & TIE BAR
	(200I) - 4 DOWEL SUPPORT BASKET
	(2001) - 5 DOWEL & TIE BAR PLACEMENT TOLERANCES
P-2	- P.C.C. PAVEMENT PATCHING
	(2001) - I FULL DEPTH PATCH, PLAN VIEW
	(2004) - 2 FULL DEPTH PATCH, SECTION VIEWS
	(2004) - 3 FULL DEPTH PATCH, SEALANT DETAILS, GROUT RETENTION DISK, AND DOWEL BAR
	(2001) - 4 FULL DEPTH PATCH, DOWEL BAR PLACEMENT TOLERANCES
	(2001) - 5 PARTIAL DEPTH PATCH, PLAN AND SECTION VIEWS

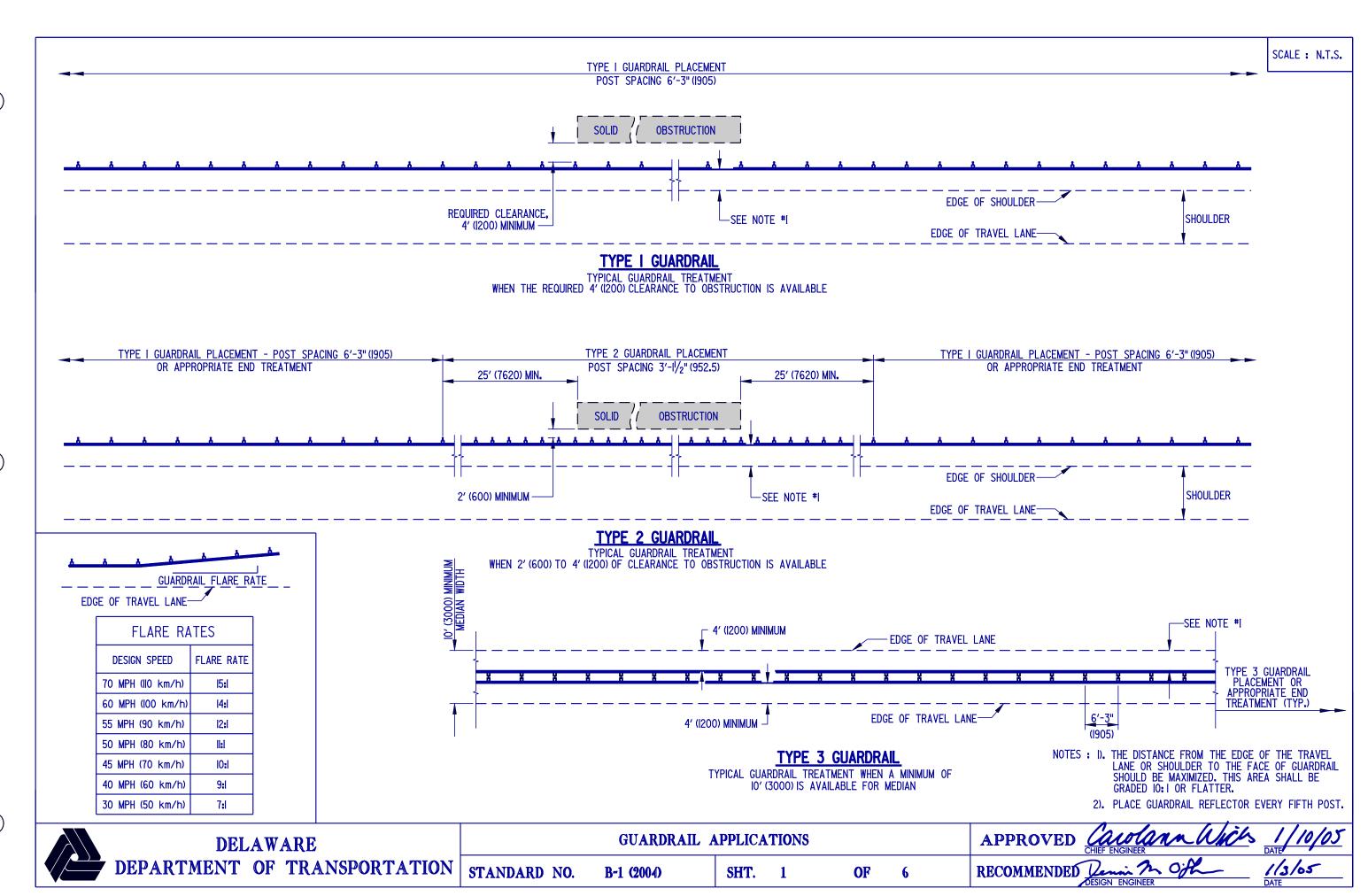
SECTION VII - TRAFFIC

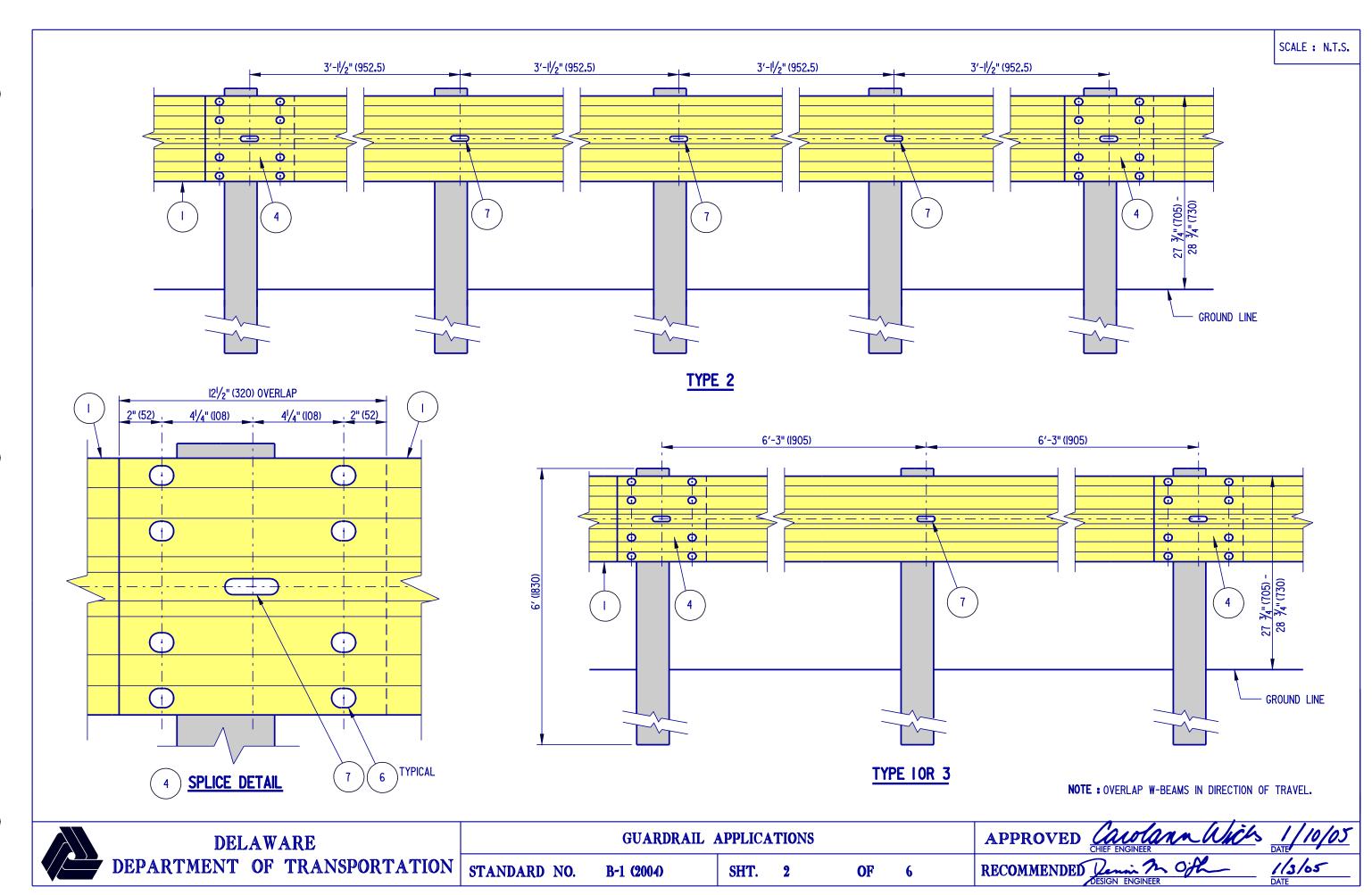
SHEET NO. NAME
T-I (2002) — CONDUIT JUNCTION WELL, TYPES I,2, AND 3
T-2 (2002) — CONDUIT JUNCTION WELL, TYPE 4
T-3 (2002) — CONDUIT JUNCTION WELL, TYPE 5
T-4 (2004) — CABINET BASES (TYPES "M" AND "P")
T-5 — POLE BASES
(2002) - I ROUND BASE, SQUARE BASE
(2002) - 2 TYPICAL SECTION (BASES 1, 2, 2A, 2B, 3, 3A, 3B, AND 7), TYPICAL SECTION (BASE 4), TYPICAL INSTALLATION (BASES 1, 2, 2A, 2B, 3, 3A, 3B, 4, AND 7)
(2002) - 3 TYPICAL SECTION (BASES 5 AND 6), ANCHOR BOLT DATA CHART AND DETAILS
T-6 (2002) — SPECIAL POLE BASE
T-7 (2002) — SIGN FOUNDATION
T-8 (2002) — LOOP DETECTOR TO CONDUIT JUNCTION WELL CONNECTION
T-9 (2004) — TYPE *I LOOP DETECTOR
T-IO (2004) — TYPE *2 LOOP DETECTOR

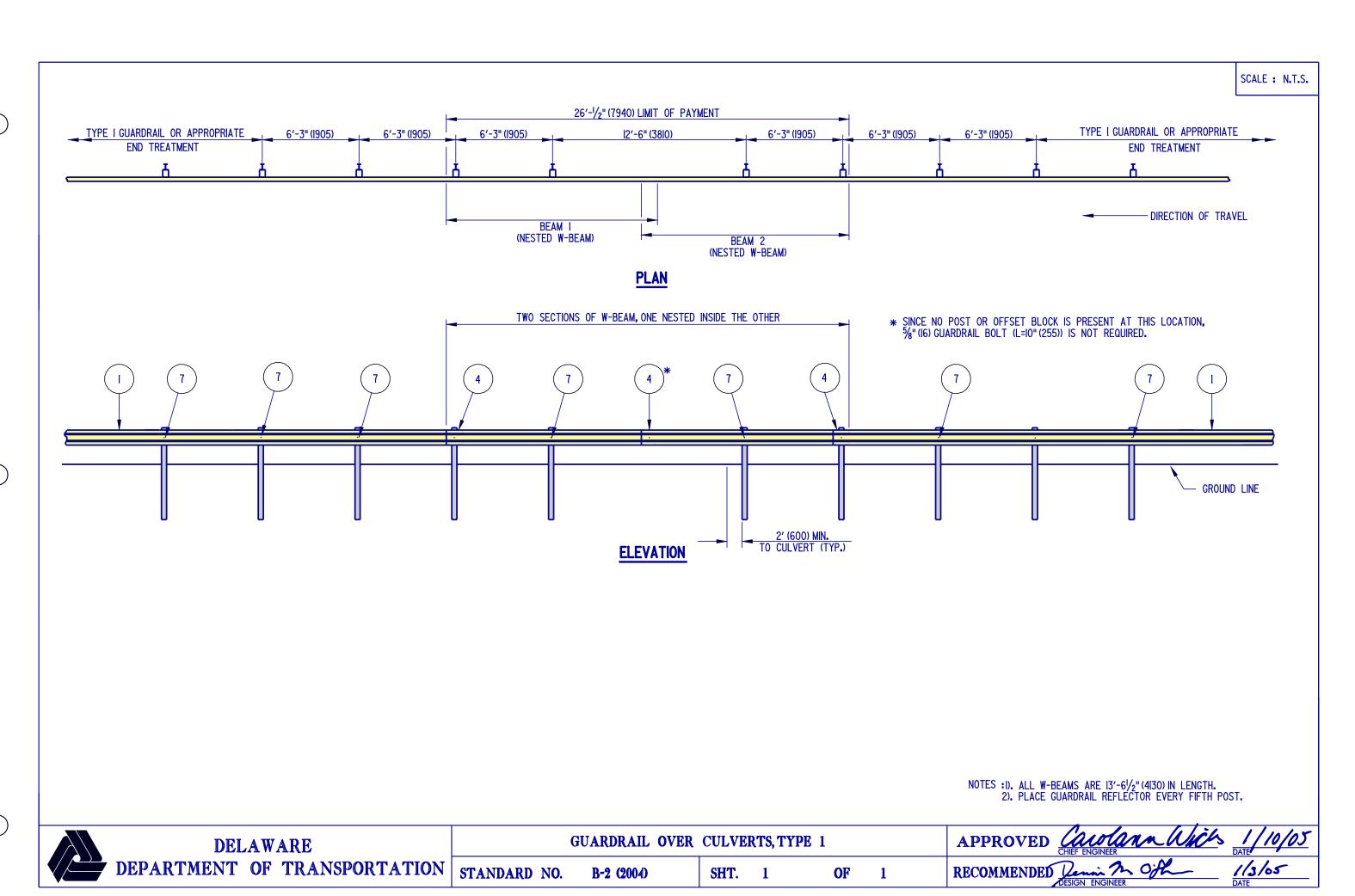


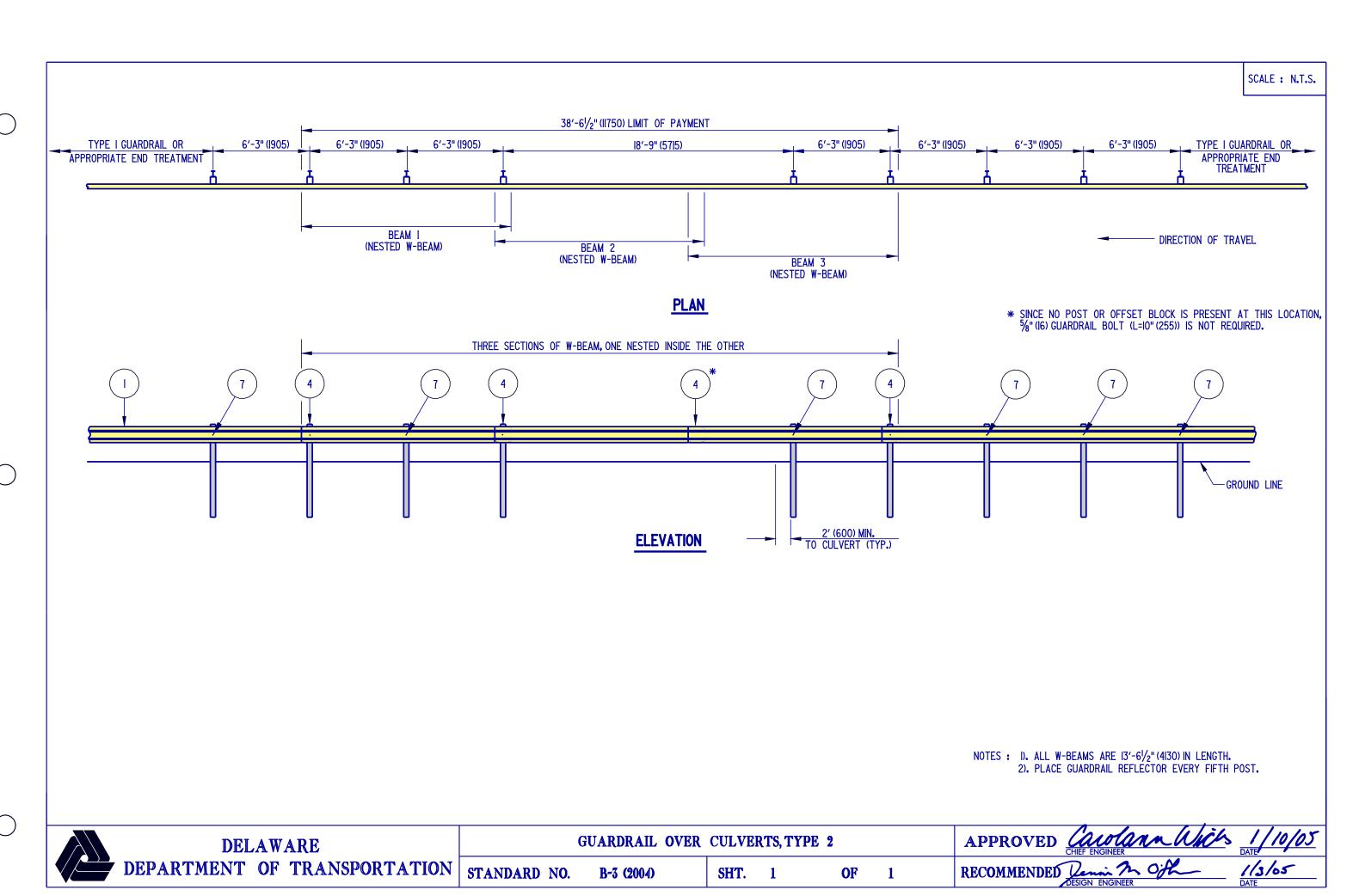
SECTION VII - TRAFFIC (CONT'D)

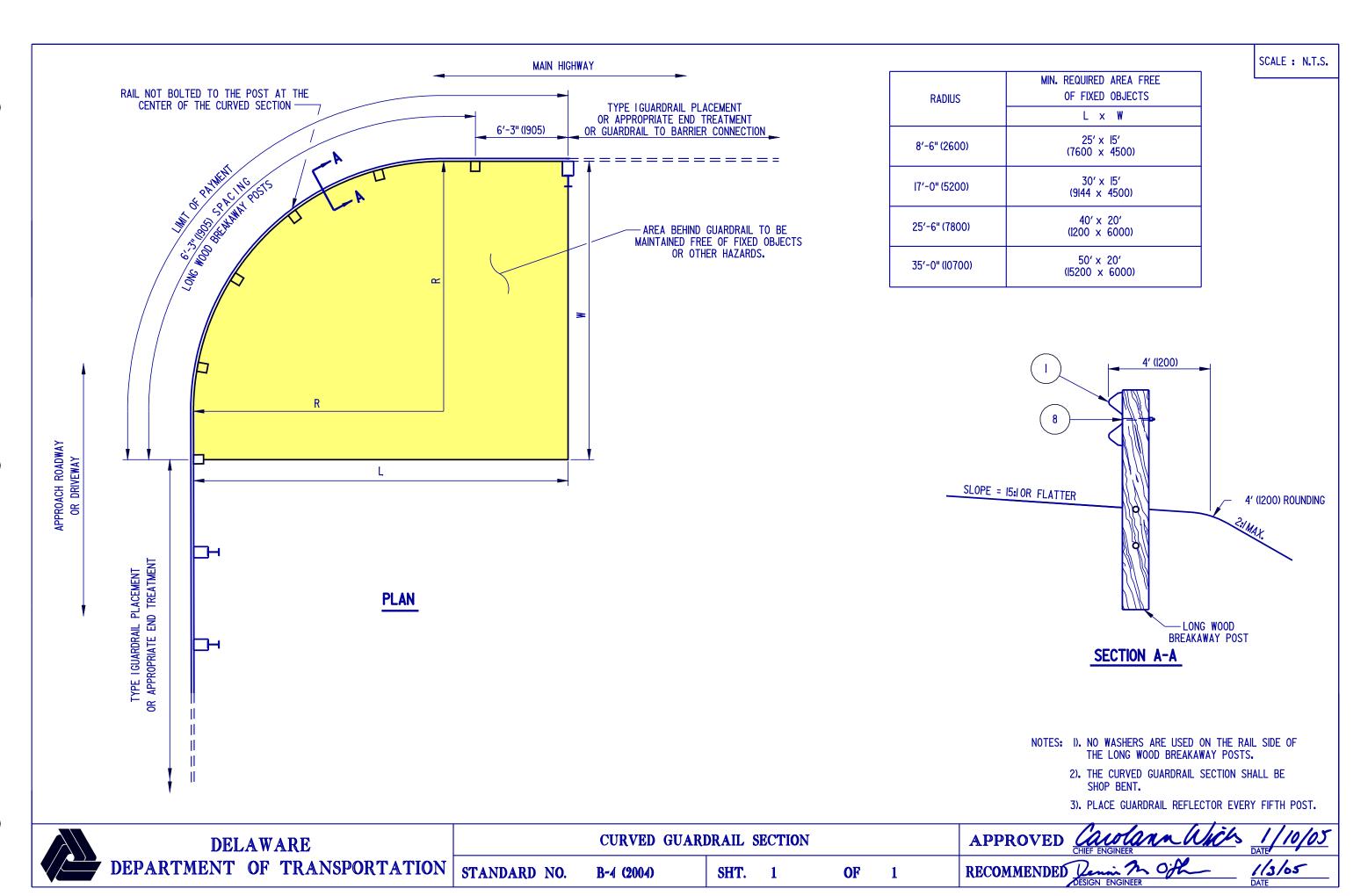
SHEET	NO.	NAME	
T-II	_	- MESSENGER	WIRE ATTACHMENT
	(200	04) - I INTERME	DIATE MESSENGER WIRE ATTACHMENT ON WOOD POLES
			R INTERMEDIATE MESSENGER WIRE ATTACHMENT
T-I2	_	- MESSENGER	WIRE ATTACHMENT
	(200	04)-I SPAN WI	RE ATTACHMENT BETWEEN POLES
			ID MESSENGER WIRE ATTACHMENT
T-I3			ICTION WELLS
	(200	04) - 2 TYPE 7	
	(200	04) - 3 TYPES 8	8 & 10
T-14	_	- EMERGENCY	PREEMPTION RECEIVER
	(200	04) - I UPRIGHT	MOUNT
	(200	04) - 2 INVERTE	D MOUNT

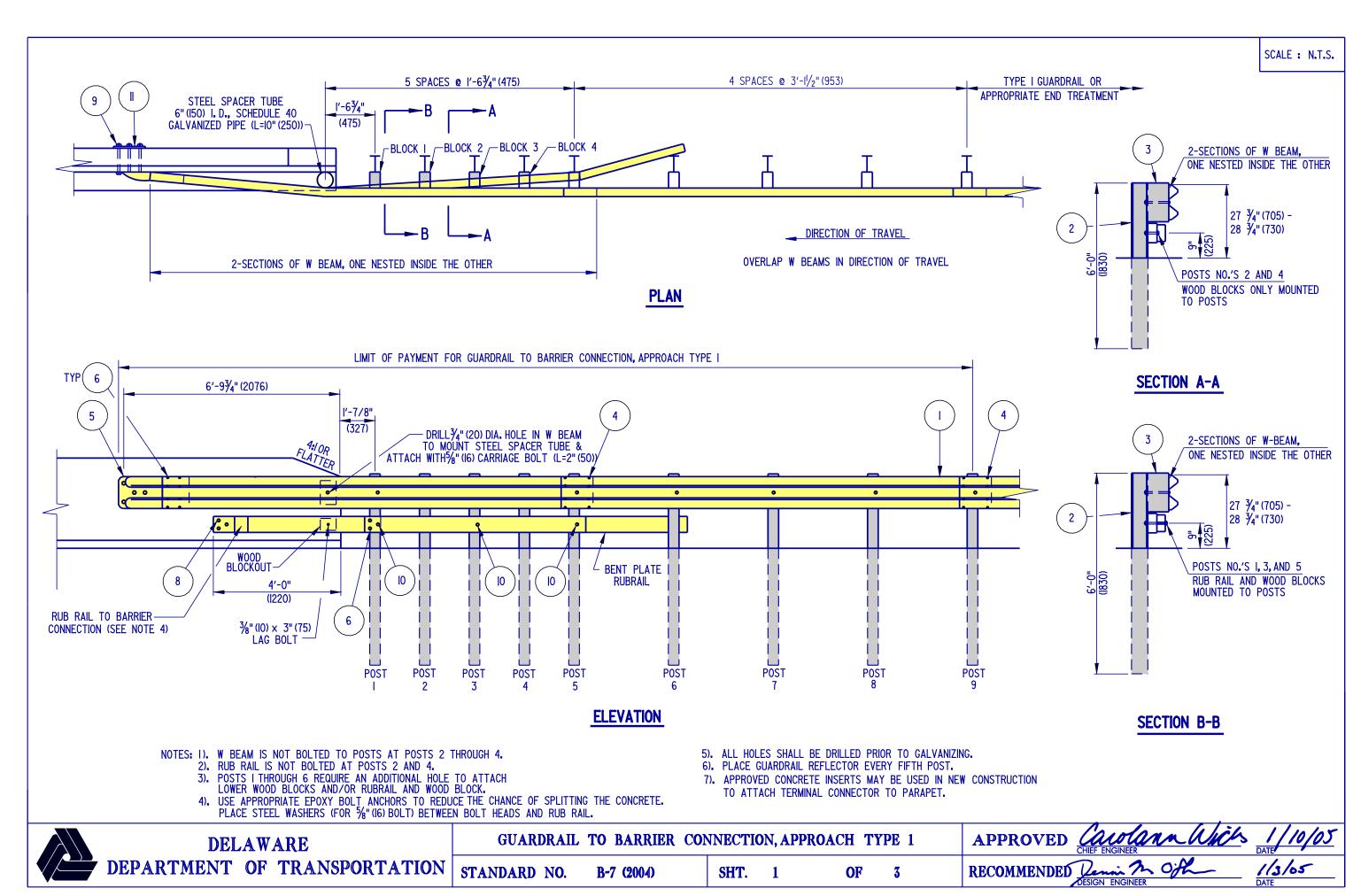


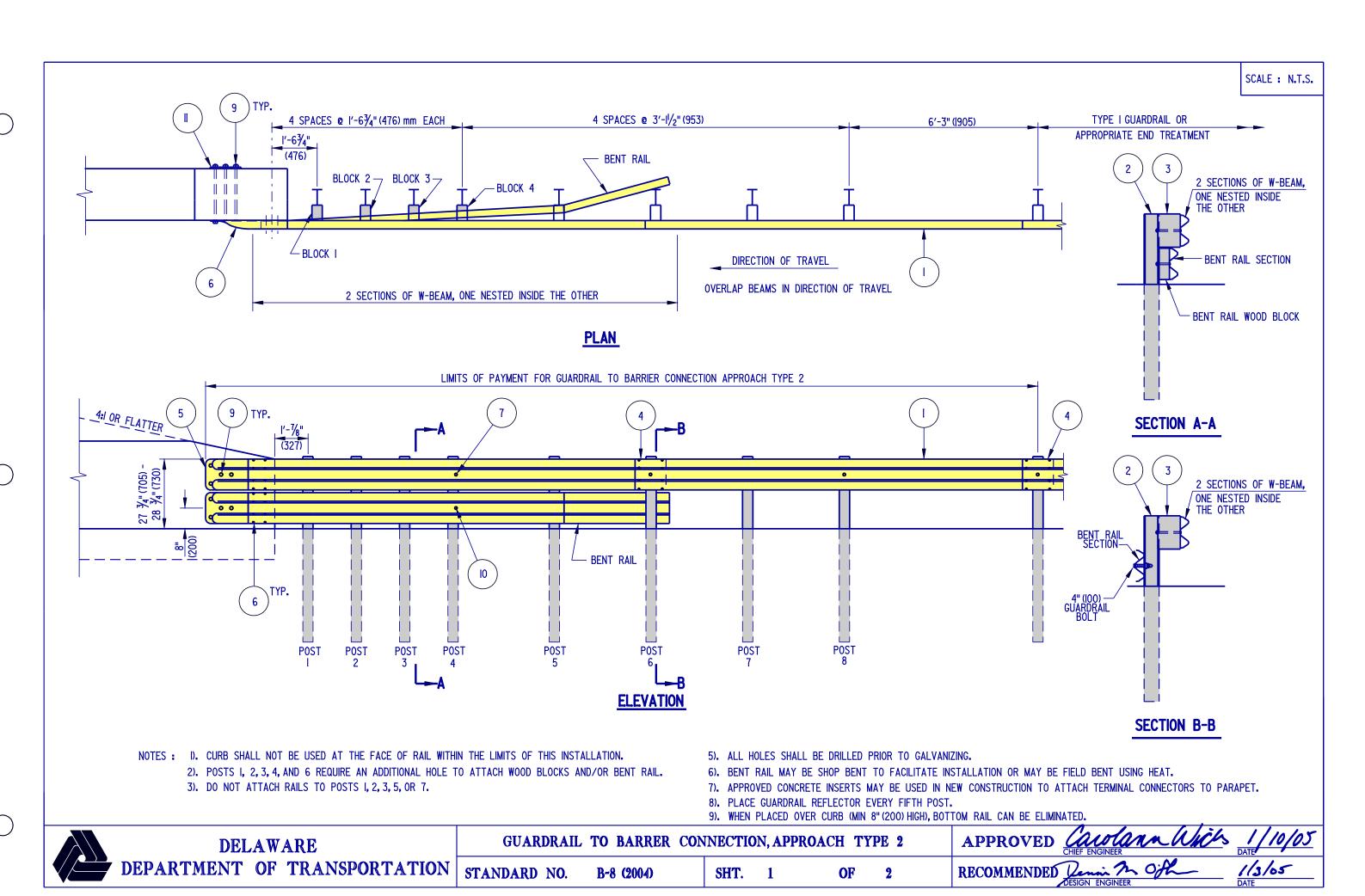


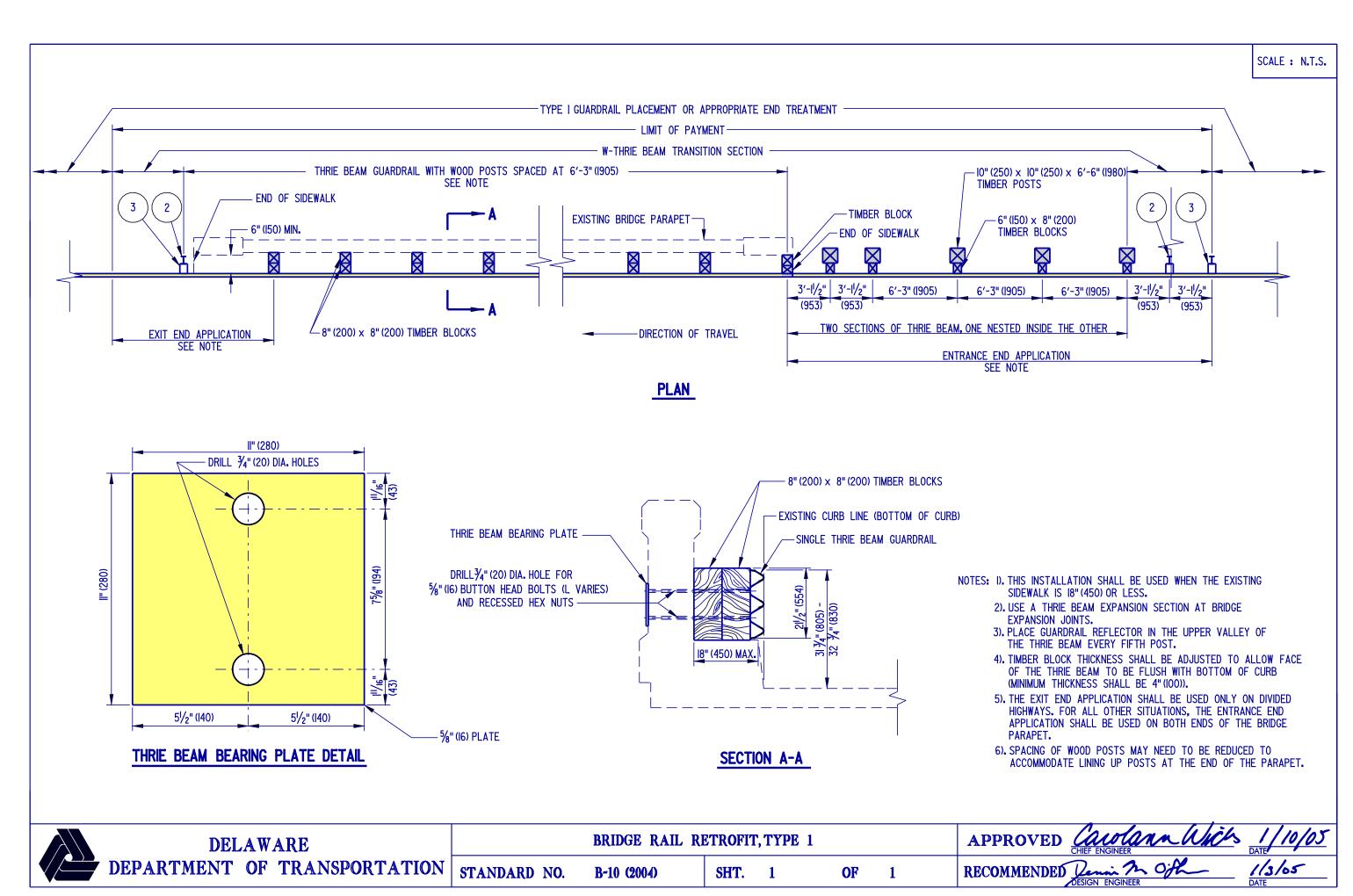


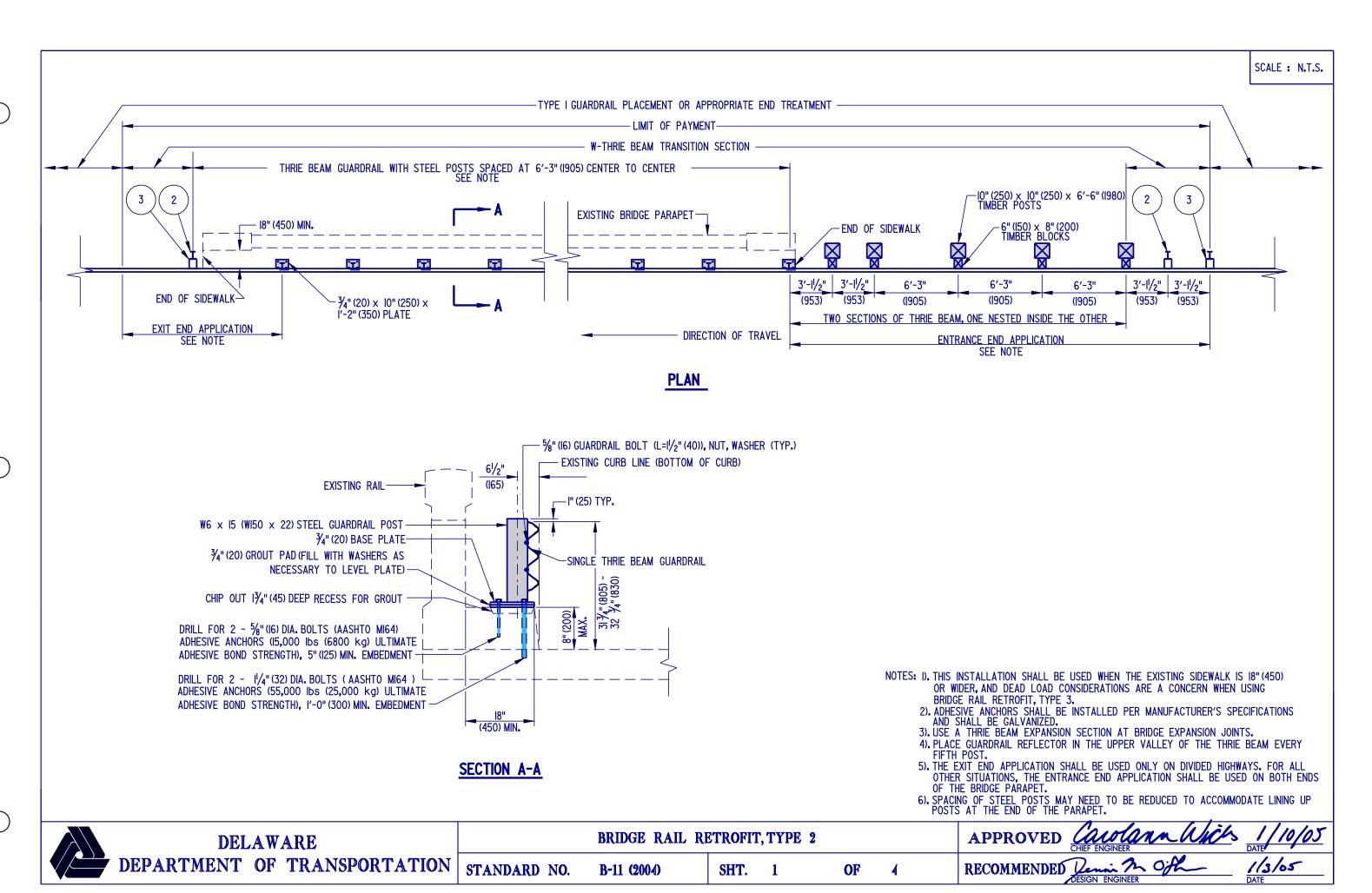




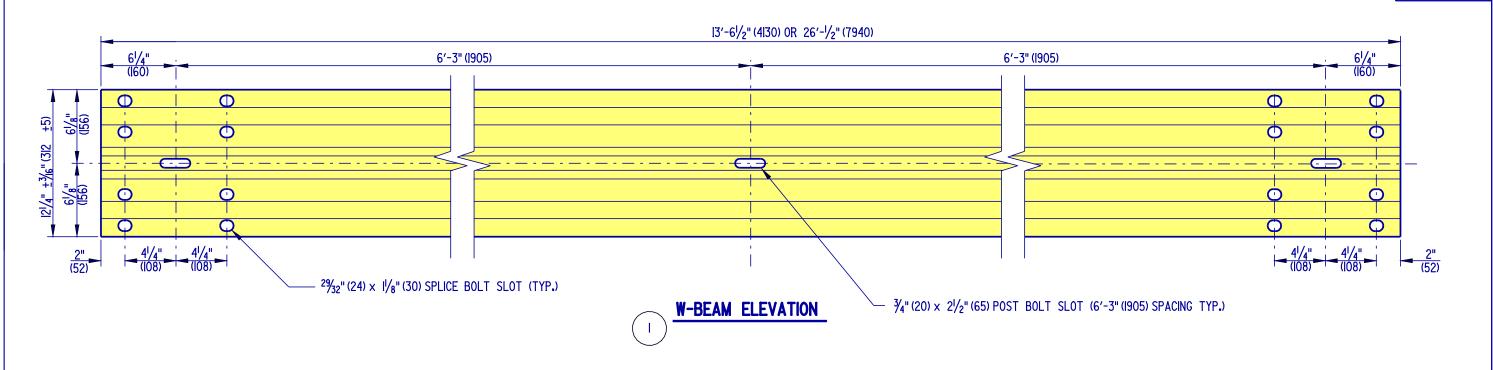


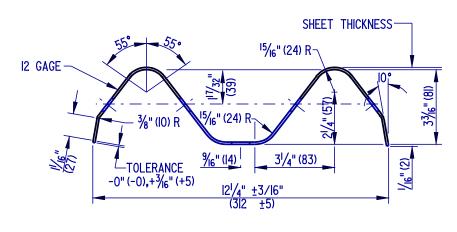










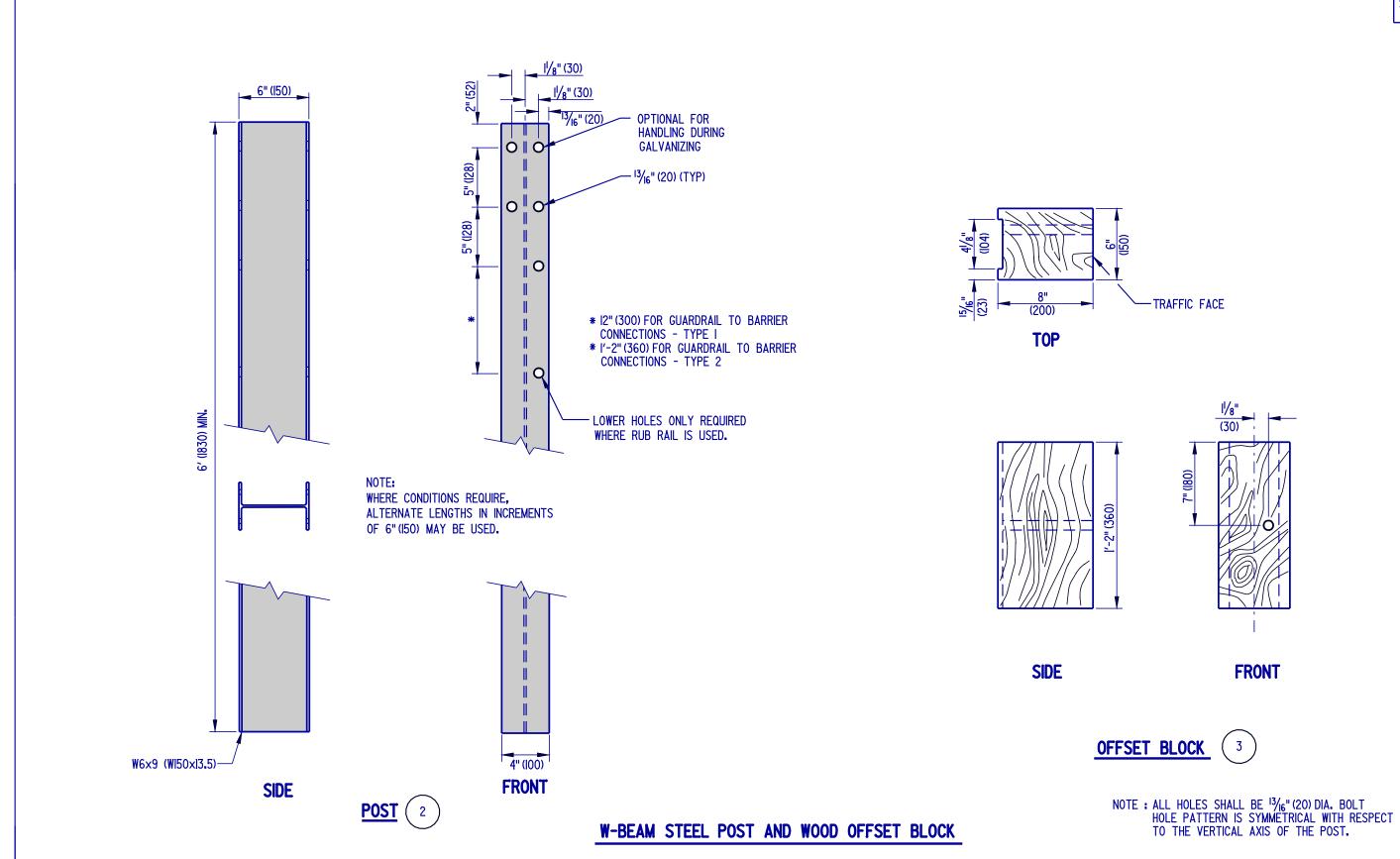


W-BEAM SECTION

NOTES: I). TWO ADDITIONAL $\frac{3}{4}$ " (20) x $2\frac{1}{2}$ " (65) SLOTS SHALL BE PROVIDED AT 6'-3" (1905) SPACING FOR BEAM LENGTH OF $26^{\prime}-\frac{1}{2}$ " (7940).

DELAWARE		HARI	WARE				APPROVED CALOLAN WICK	1/10/05 DATE
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	B-13 (2004)	SHT.	1	OF	13	RECOMMENDED DESIGN ENGINEER	//3/65 DATE





HARDWARE

B-13 (2004)

SHT.

2

OF

13

STANDARD NO.

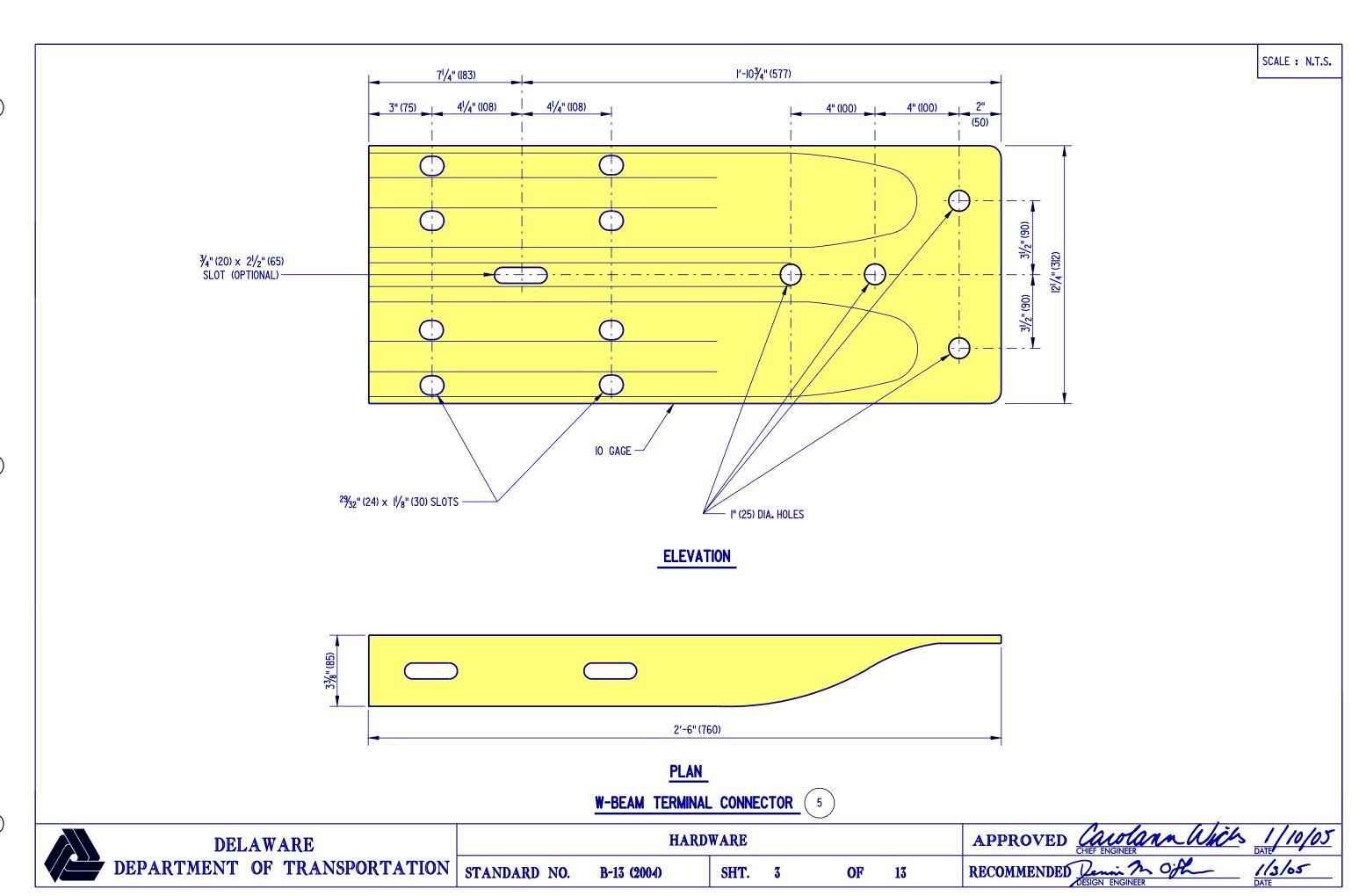
DELAWARE

DEPARTMENT OF TRANSPORTATION

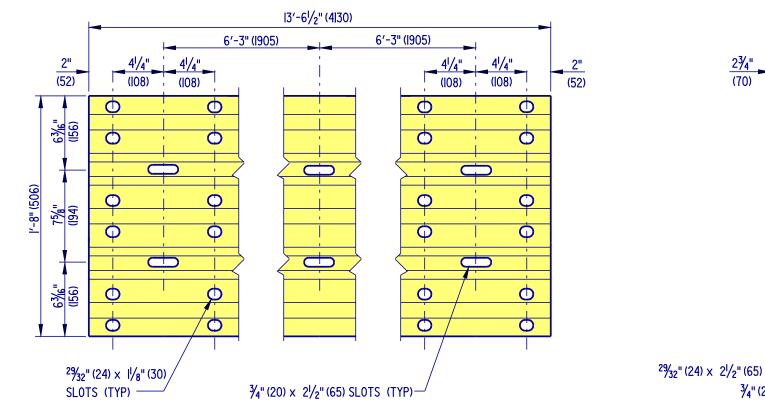
1/3/65 DATE

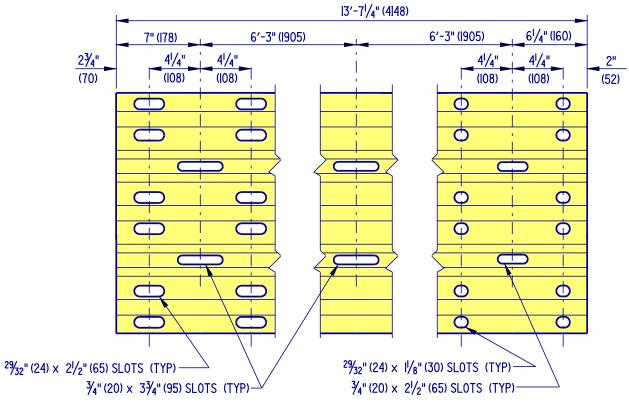
APPROVED

RECOMMENDED



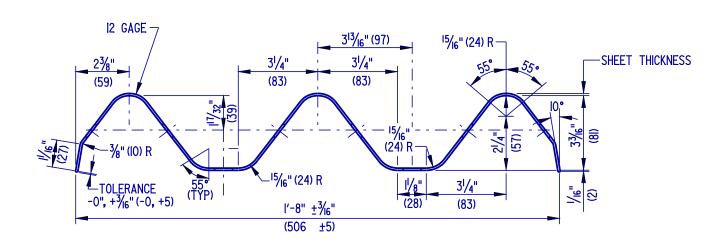




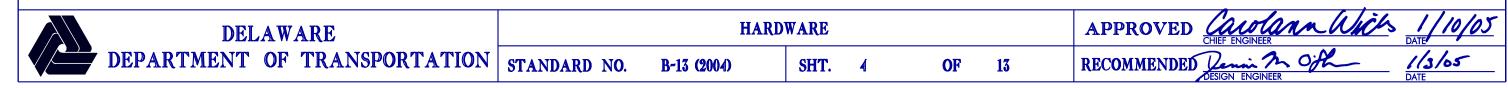


THRIE BEAM ELEVATION

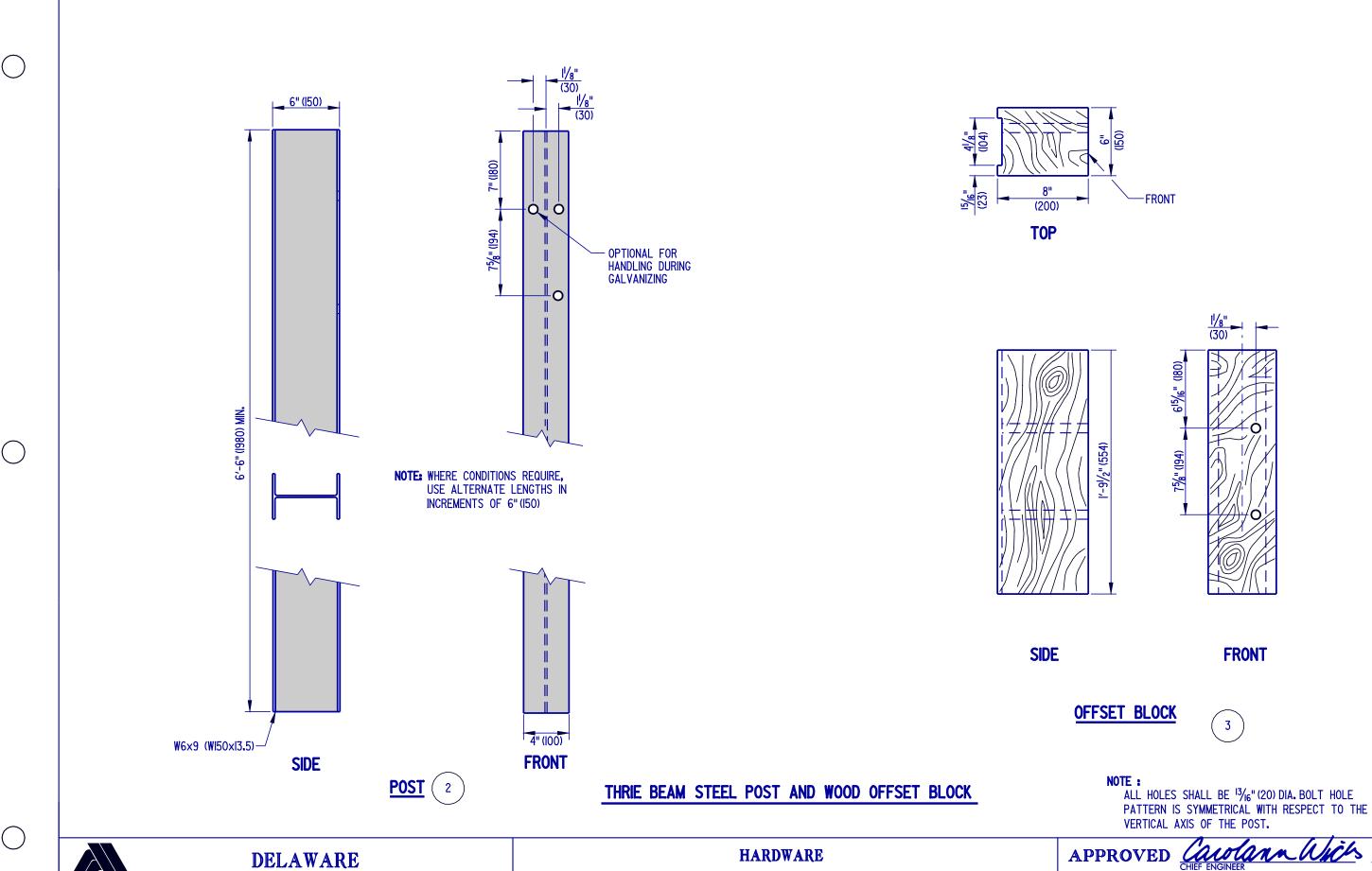
THRIE BEAM EXPANSION ELEMENT



THRIE BEAM SECTION







B-13 (2004)

SHT.

5

OF

13

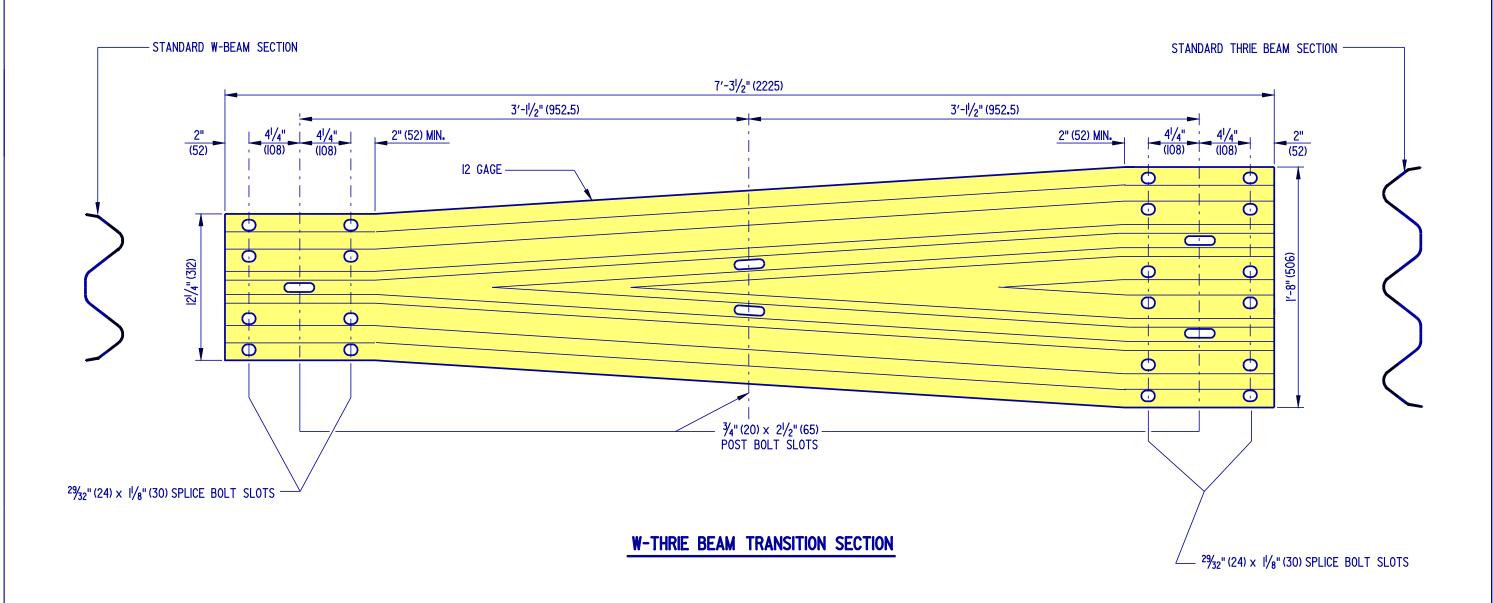
RECOMMENDED

STANDARD NO.

DEPARTMENT OF TRANSPORTATION

//3/65 DATE





DELAWARE		HARD	WARE				APPROVED CHIEF ENGINEER DA	1/10/05 ATE/ 10/05
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	B-13 (2004)	SHT.	6	OF	13	RECOMMENDED Denis In Officer DA	1/3/05 ATE

OF

13

RECOMMENDED

DEPARTMENT OF TRANSPORTATION

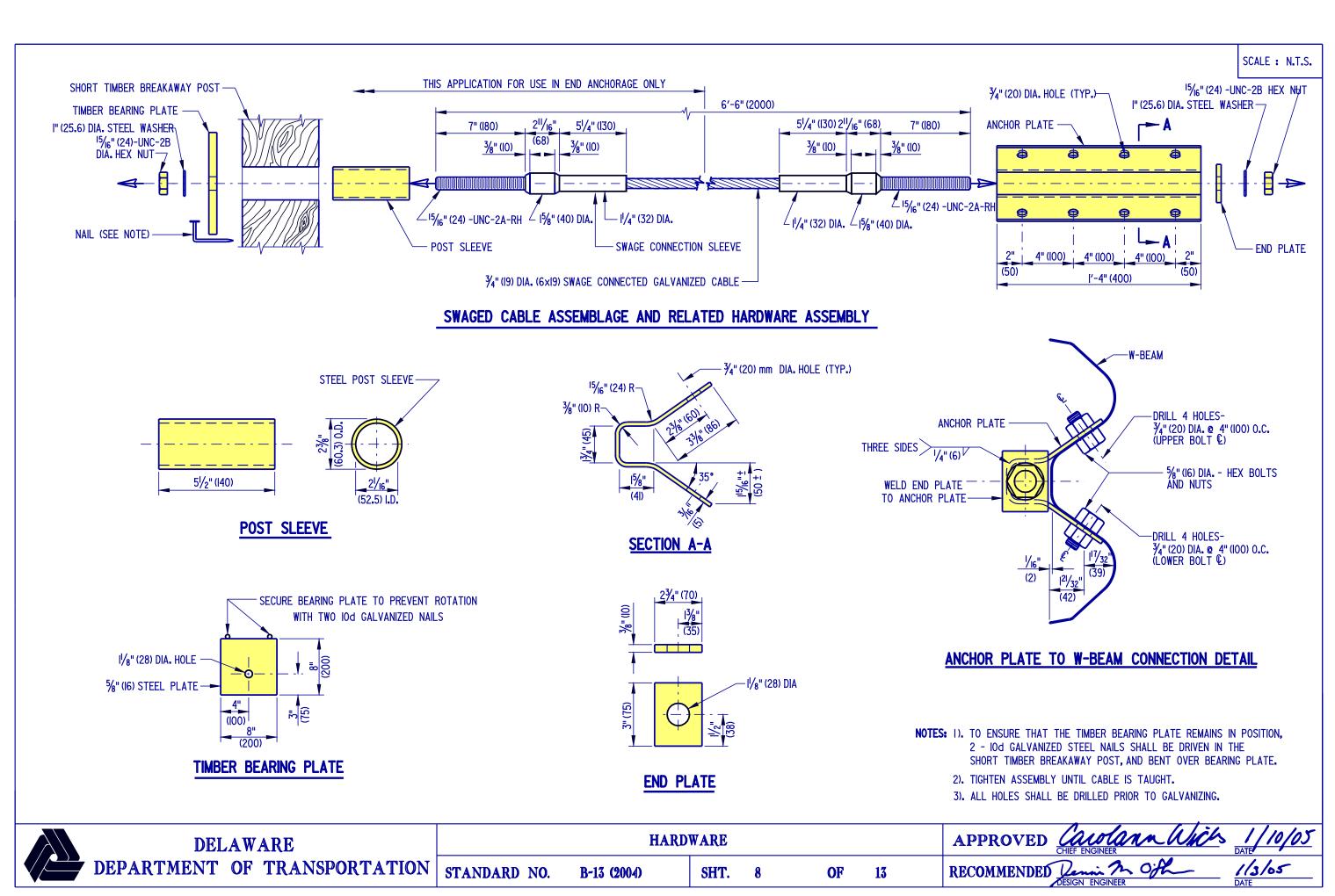
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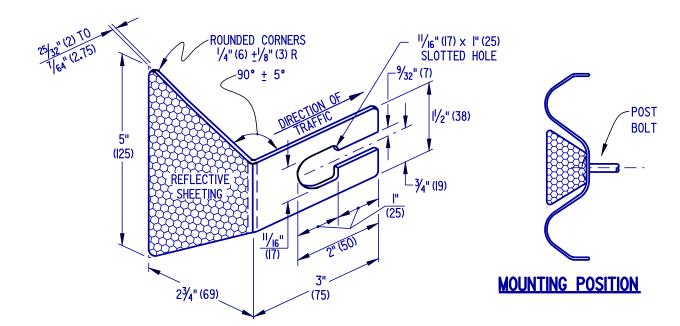
B-13 (2004)

SHT.

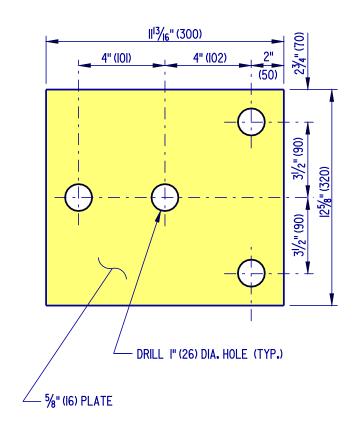
7

//3/65 DATE



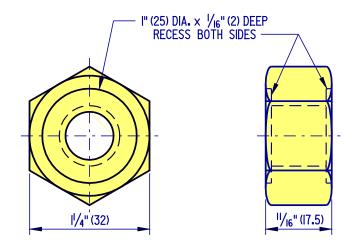


GUARDRAIL REFLECTOR

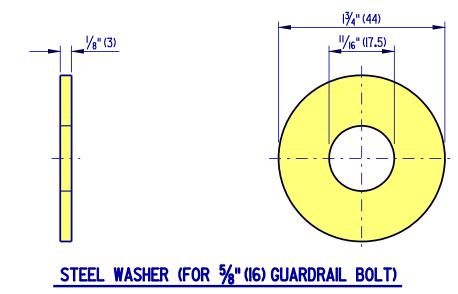


BEARING PLATE DETAIL

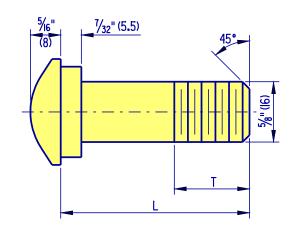
DELAWARE		HARD	WARE				APPROVED CHIEF ENGINEER DATE DATE
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	B-13 (2004)	SHT.	9	OF	13	RECOMMENDED Denis & Officer DATE

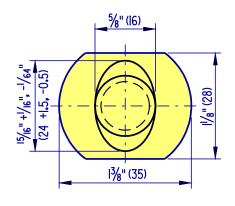


RECESSED NUT
(FOR%" (16) GUARDRAIL BOLT)



NOTE: DIMENSION FOR WASHER THICKNESS IS APPROXIMATE BASED ON METAL THICKNESS.





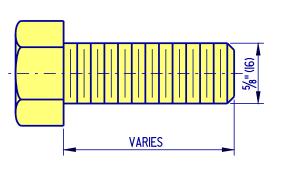
L	T (MIN.)
I ^I /4" (35)	FULL THREAD LENGTH
2" (50)	FULL THREAD LENGTH
4" (100)	FULL THREAD LENGTH
10" (255)	4" (100) THREAD LENGTH
18" (460)	4" (100) THREAD LENGTH

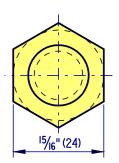
GUARDRAIL BOLT

NOTES : I. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/6" (2). 2. IF THE BOLT EXTENDS MORE THAN 1/2" (12) BEYOND THE NUT, THE BOLT SHALL BE TRIMMED BACK AS PER THE DEPARTMENT'S SPECIFICATIONS.

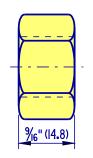
	DELAWARE	HARDWARE						APPROVED CANOLANA VICAS 1/10/05 CHIEF ENGINEER
	DEPARTMENT OF TRANSPORTATION	STANDARD NO.	B-13 (2004)	SHT.	10	OF	13	RECOMMENDED DESIGN ENGINEER DATE

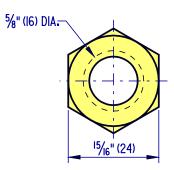




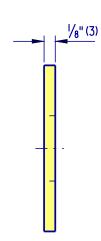


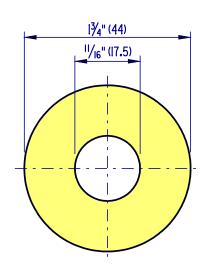
5/8" (16) HEX BOLT





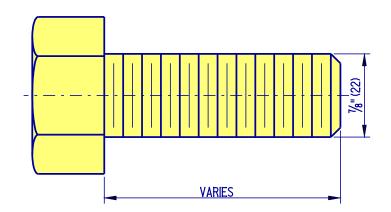
5/8" (16) HEX NUT

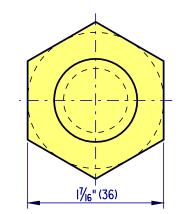




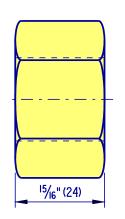
%" (16) STEEL WASHER

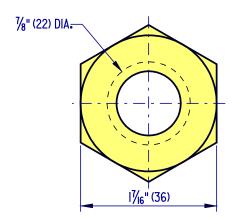
NOTE: DIMENSION FOR WASHER THICKNESS IS APPROXIMATE BASE METAL THICKNESS.



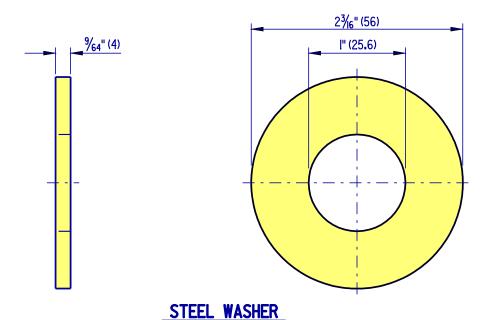


HIGH-STRENGTH STRUCTURAL HEX BOLT

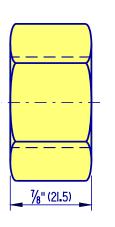


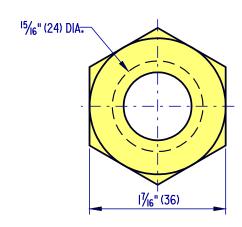


HIGH-STRENGTH STRUCTURAL HEX NUT



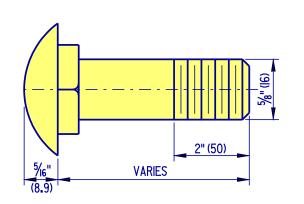
NOTES: I. FOR USE WITH SWAGED CABLE ASSEMBLAGE.
2. DIMENSION FOR WASHER THICKNESS IS
APPROXIMATE BASE METAL THICKNESS.

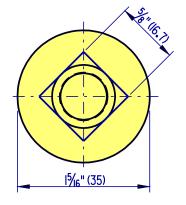




15/16" (24) HEX NUT

NOTE: FOR USE WITH SWAGED CABLE ASSEMBLAGE.





5/8" (16) CARRIAGE BOLT

	DELAWARE						
	DEPARTMENT	OF	TRANSPORTATION				

STANDARD NO.

HARDWARE B-13 (2004)

12 SHT.

OF

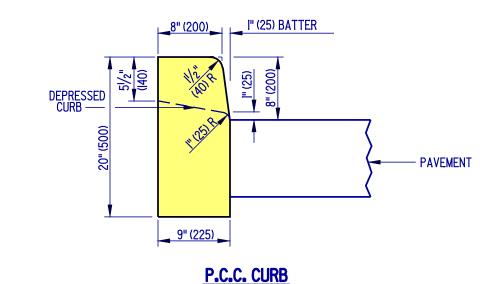
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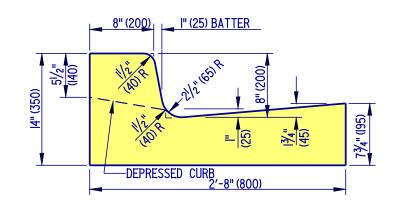
APPROVED

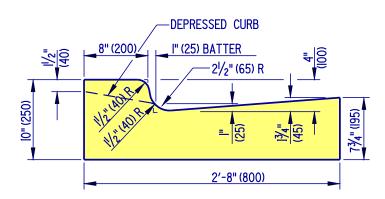
RECOMMENDED

//3/65 DATE



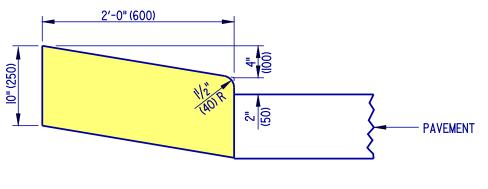




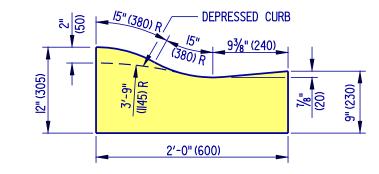


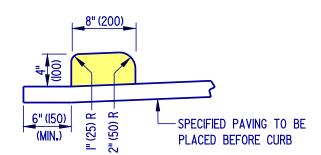
INTEGRAL P.C.C. CURB AND GUTTER

INTEGRAL P.C.C. CURB AND GUTTER
TYPE 4



TYPE I

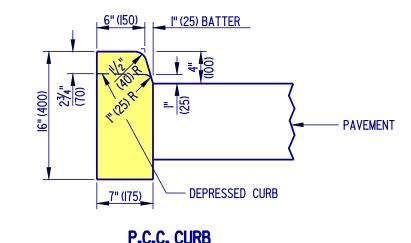


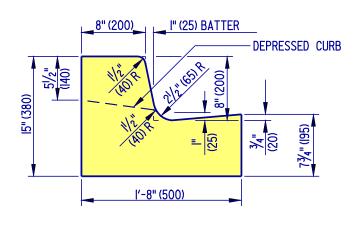




INTEGRAL P.C.C. CURB AND GUTTER
TYPE 2

HOT-MIX, HOT LAID BITUMINOUS CONCRETE CURB

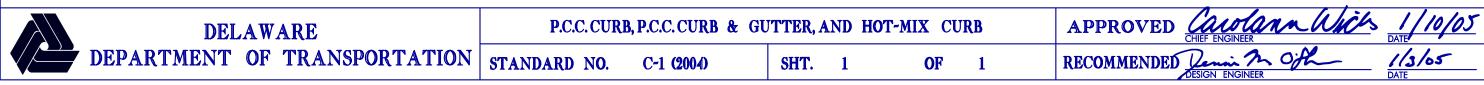


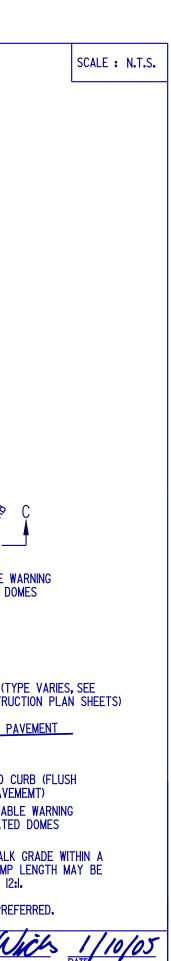


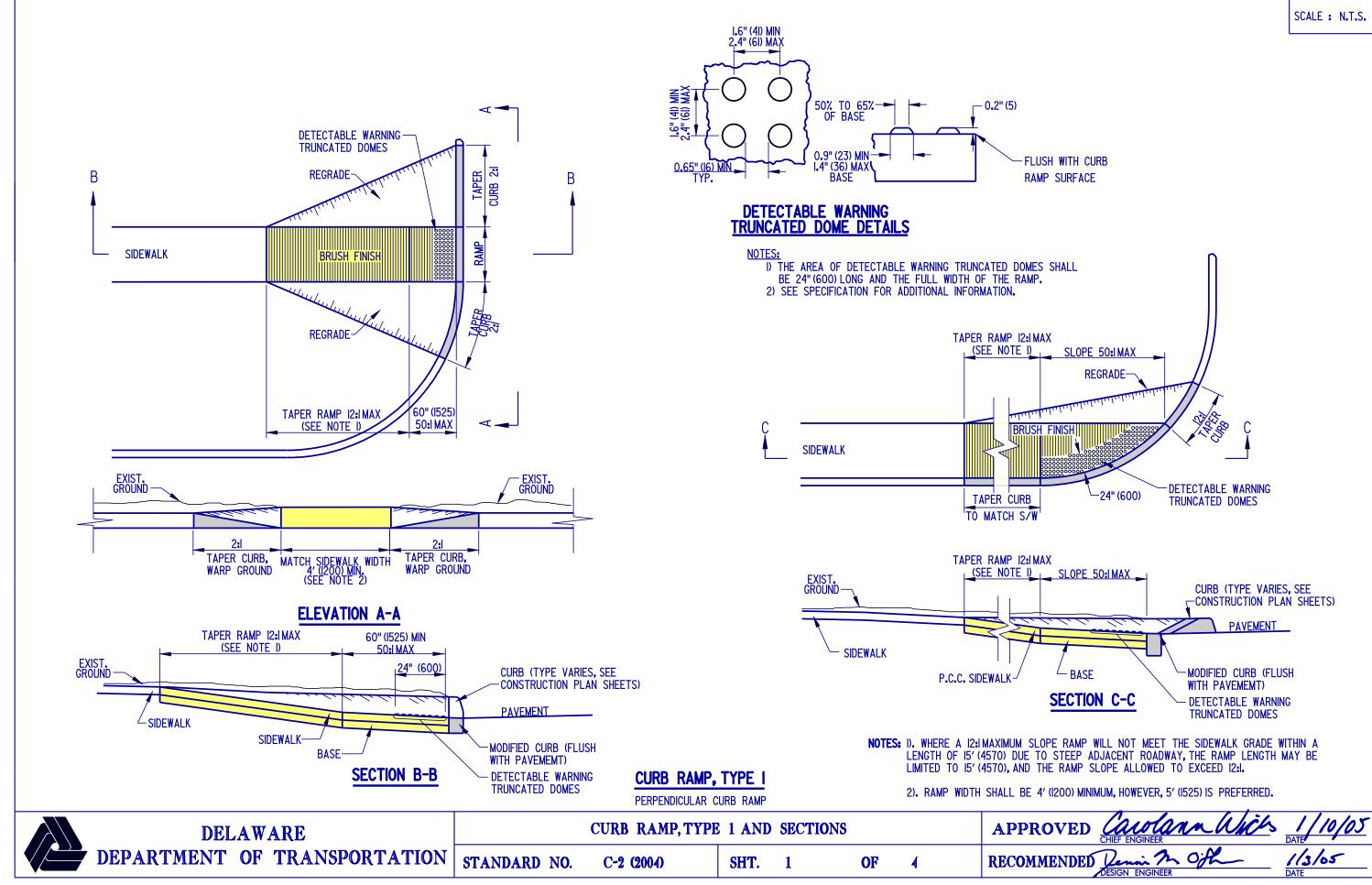
INTEGRAL P.C.C. CURB AND GUTTER

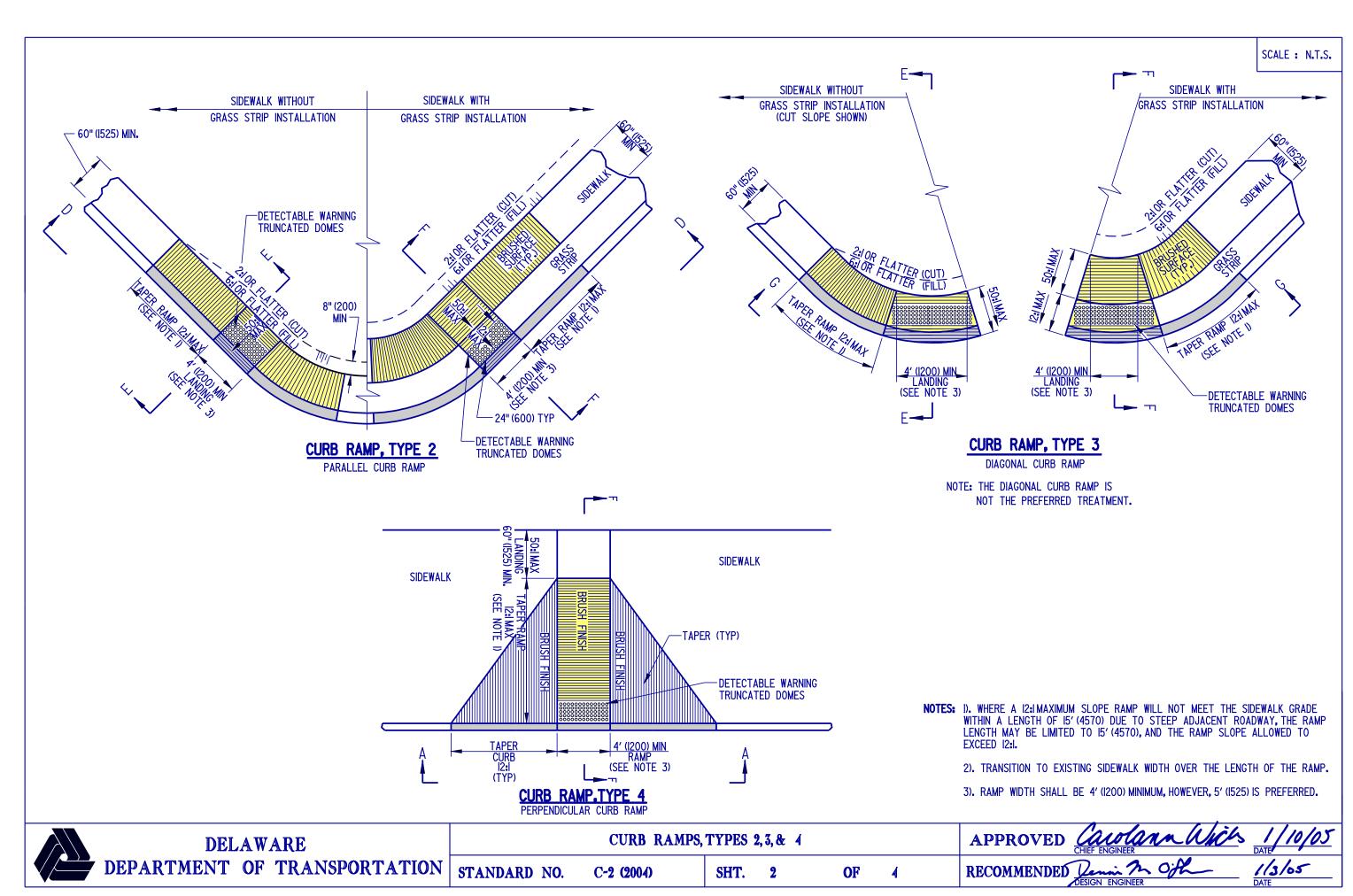
NOTES:

- I. WHEN INTEGRAL P.C.C. CURB AND GUTTER IS PLACED ADJACENT TO PORTLAND CEMENT CONCRETE PAVEMENT, CONSTRUCT THE JOINT AS PER THE LONGITUDINAL JOINT SEALANT DETAIL ON STANDARD P-2, SHEET 3 OF 5. USE APPROVED JOINT FILLER TO SEAL. WORK TO BE PAID UNDER RESPECTIVE CURB AND GUTTER ITEM.
- 2. DEPRESS CURB AT DRIVEWAYS AS DETAILED.
- 3. DEPRESS CURB FLUSH WITH PAVEMENT AT CURB RAMPS. MAXIMUM SLOPE OF DEPRESSED CURB IS 12:1.

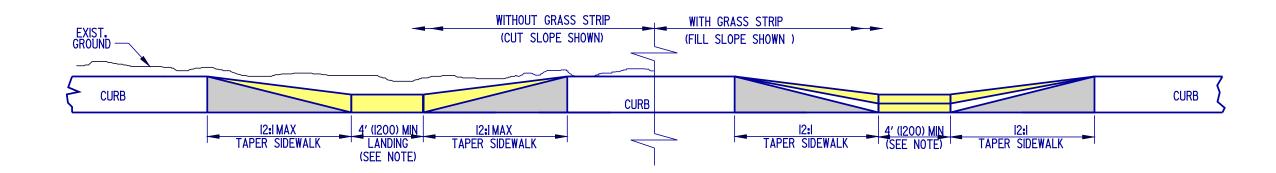




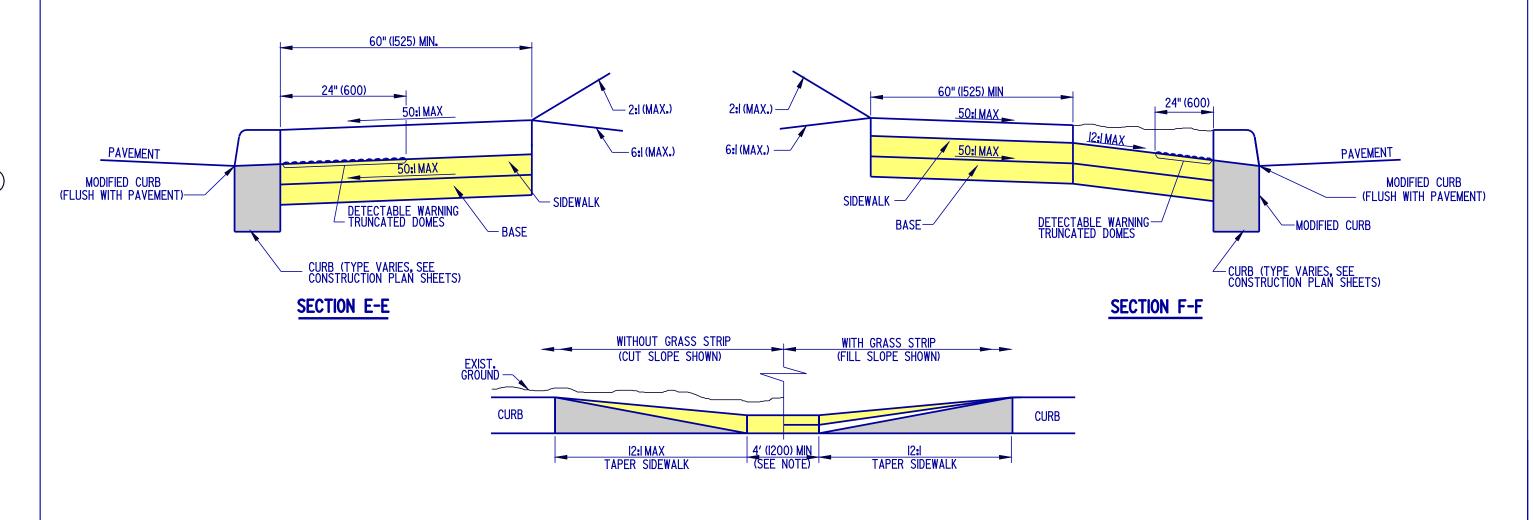








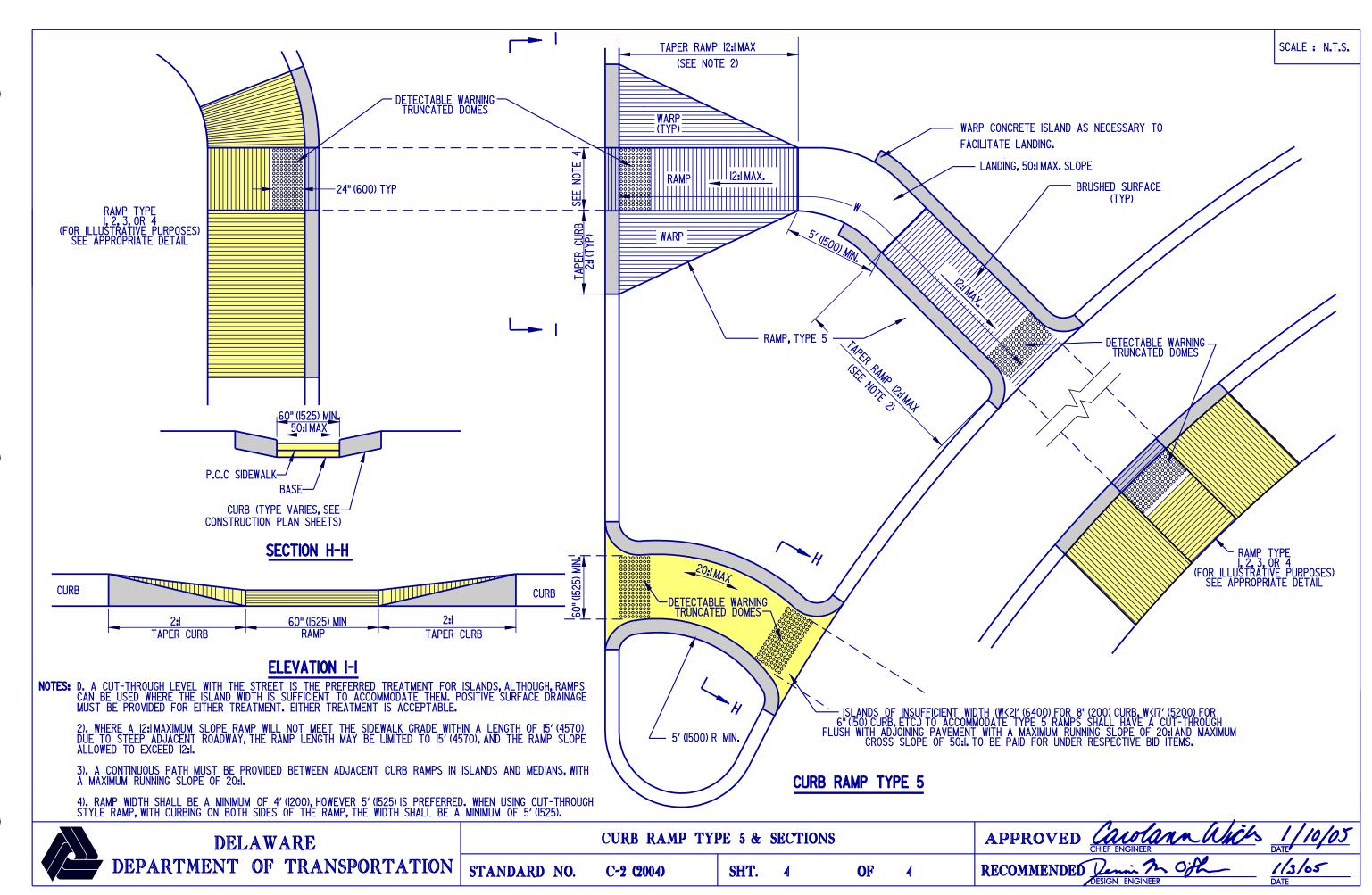
ELEVATION D-D

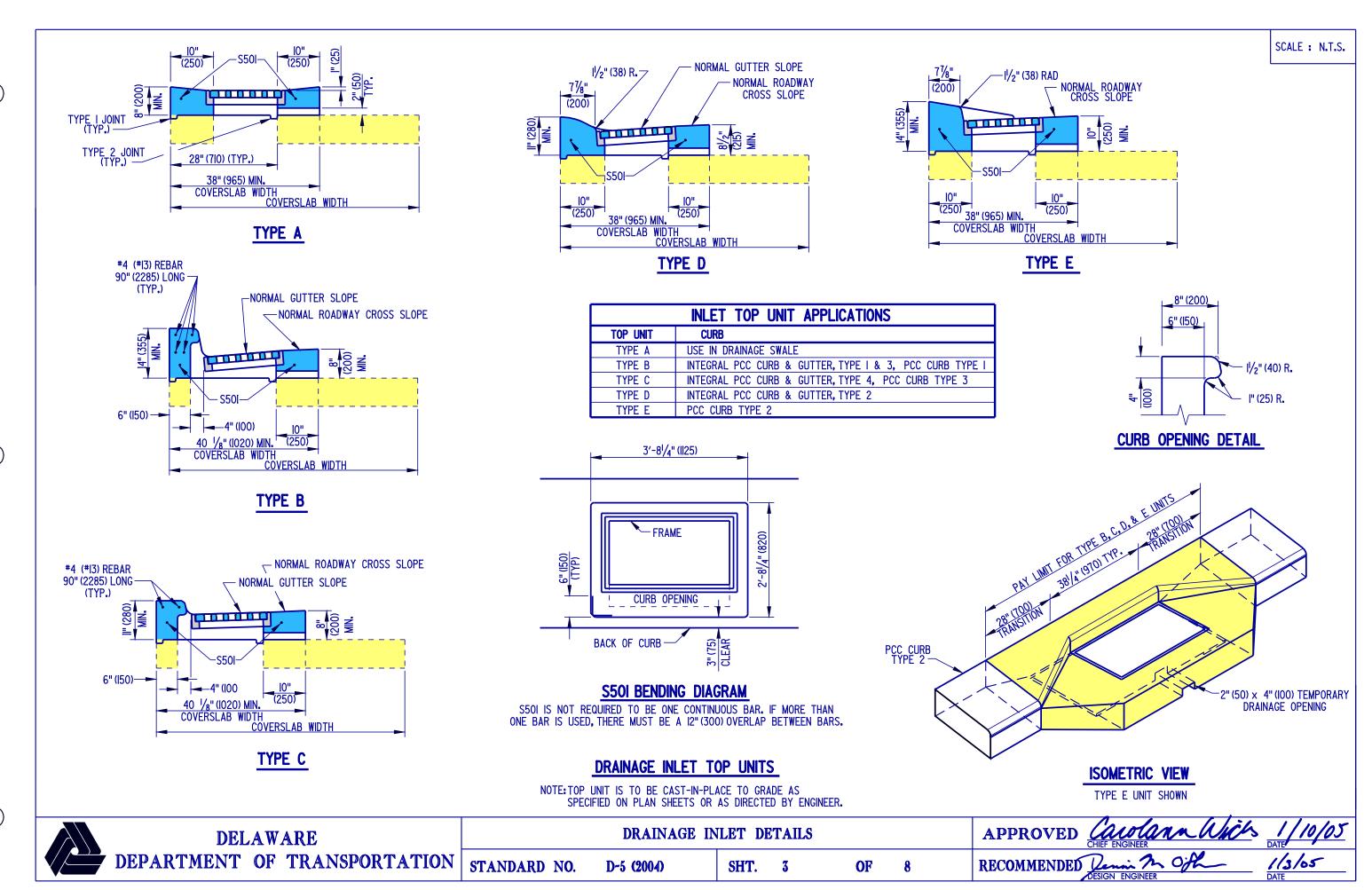


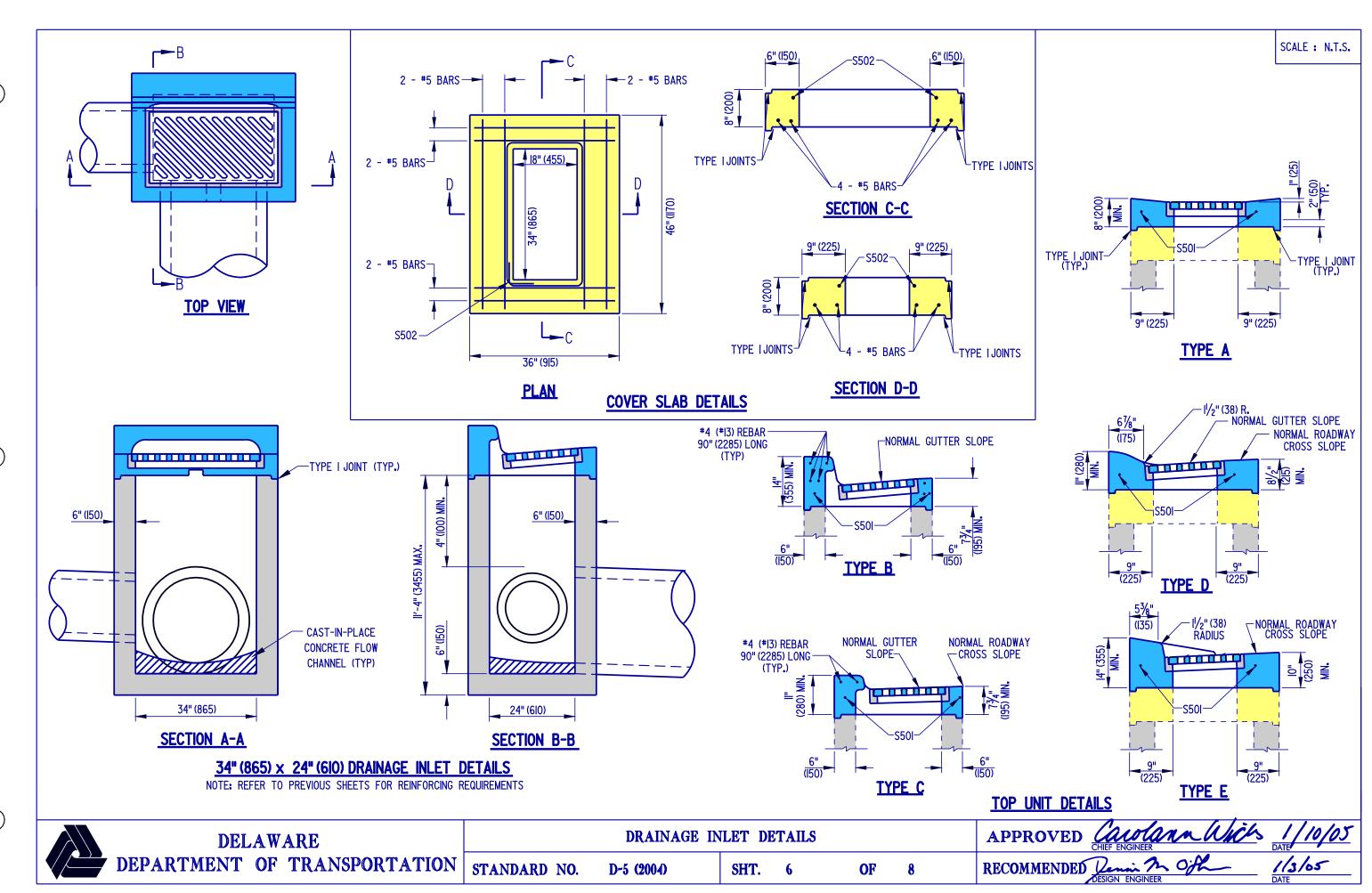
ELEVATION G-G

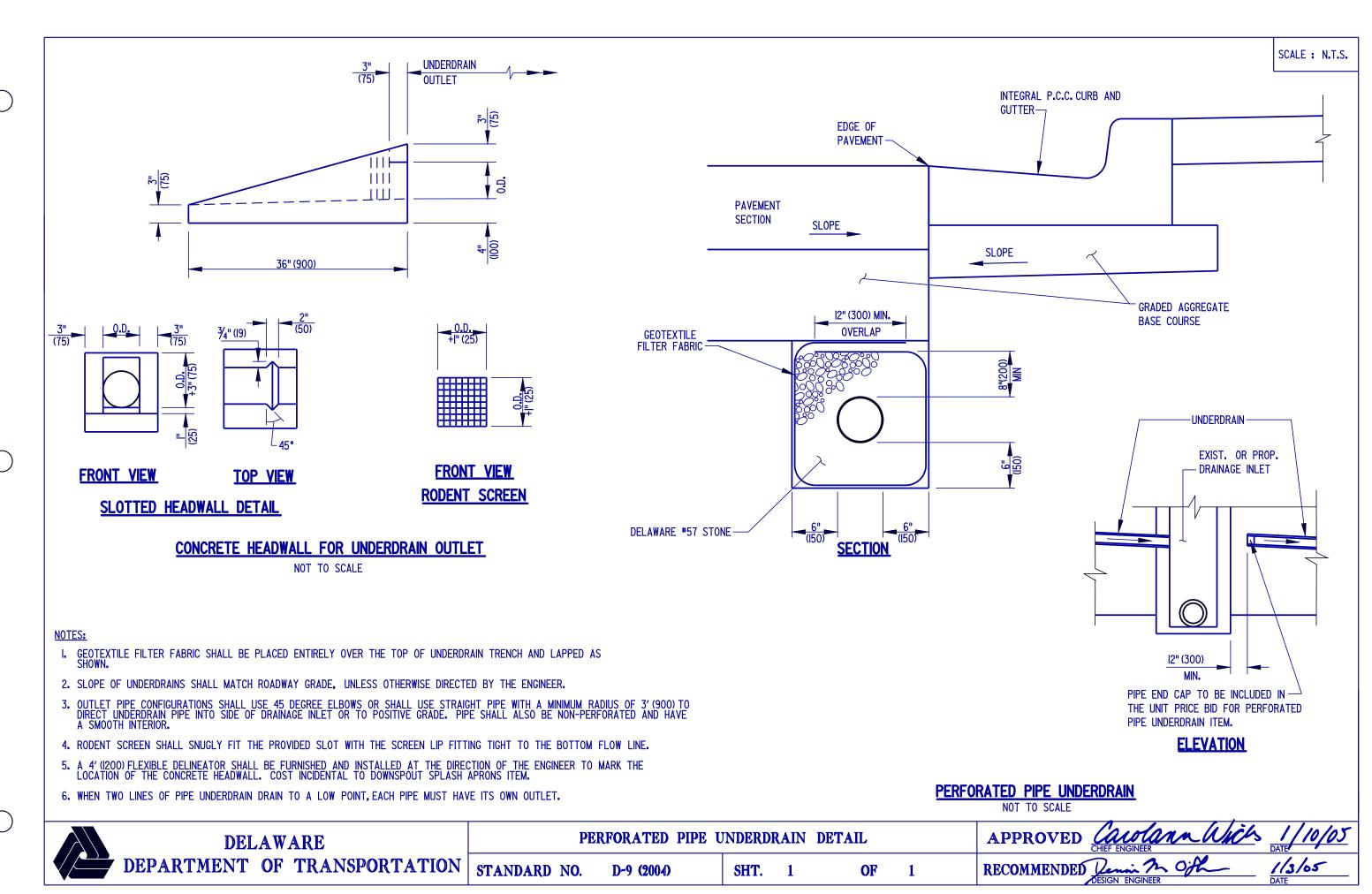
NOTE: CURB RAMP WIDTH SHALL BE 4' (1200) MINIMUM, HOWEVER, 5' (1525) IS PREFERRED.

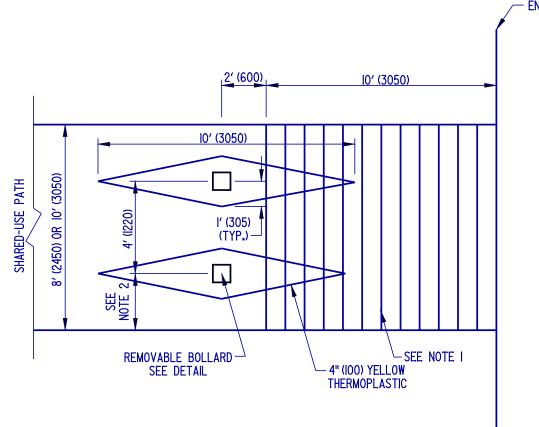
DELAWARE	cu	TRB RAMP SECTION	NS FOR	TYPES	2 & 3		APPROVED CHIEF ENGINEER	DATE DATE
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	C-2 (2004)	SHT.	3	OF	4	RECOMMENDED Denis & Officer	//3/65 DATE







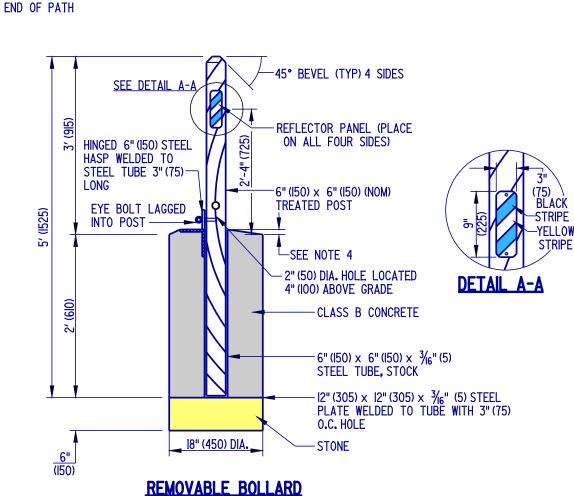






NOTES:

- I. THE 4" (100) CONCRETE SHARED-USE PATH SHALL BE FINISHED TO INCLUDE A TEXTURED WARNING SURFACE BY USING A JOINT STRIKE TO PRODUCE A 1/2" (12) DEEP V-JOINT AT 6" (150) O.C. PAYMENT FOR INSTALLING THE GROOVED FINISH SHALL BE INCIDENTAL TO THE SIDEWALK CONSTRUCTION.
- 2. FOR 8' (2450) AND 10' (3050) PATH WIDTH, THE OUTSIDE DIMENSION FROM CENTER OF BOLLARD TO EDGE OF PATH SHALL BE 2' (610) AND 3' (915) RESPECTIVELY.
- 3. IF THE SHARED USE PATH ENDS AT A ROADWAY, THEN DETECTABLE WARNING TRUNCATED DOMES 24" (600) LONG AND THE FULL WIDTH OF THE PATH SHALL BE INSTALLED. SEE SHEET C-2.
- 4. STEEL TUBE TO EXTEND 1/2" (13) ABOVE GROUND WITH CONCRETE TO SLOPE AWAY FROM TUBE TO KEEP WATER AND SEDIMENT FROM DRAINING INTO TUBE.



DELAWARE		ARE			
	DEPARTMENT	OF	TRANSPORTATION	STANDARD	NO.

BOLLARD DETAILS	
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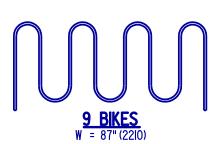
SHT. 1

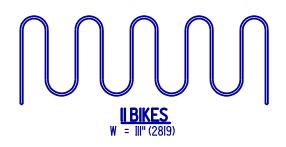
OF

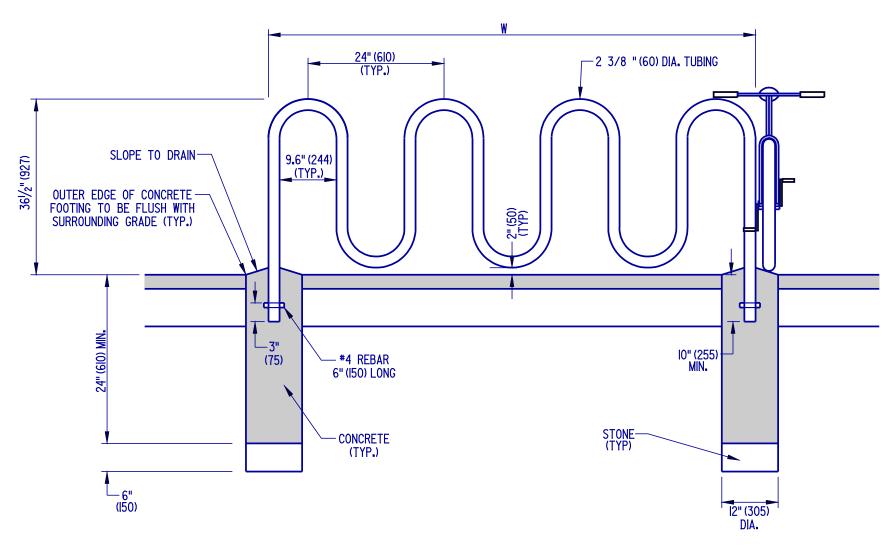
M-3 (2004)

RECOMMENDED



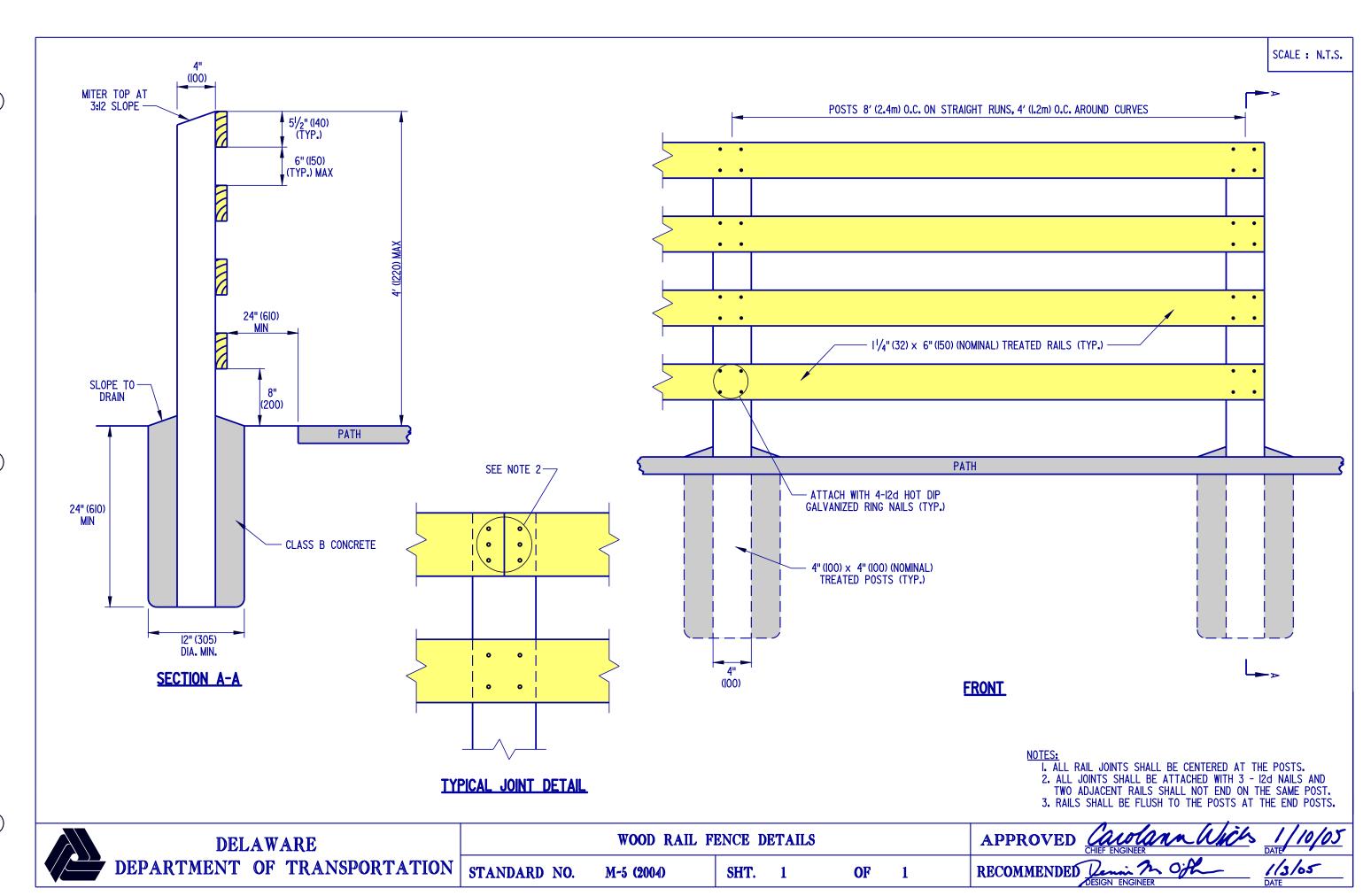


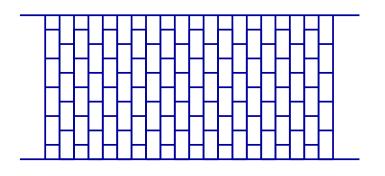


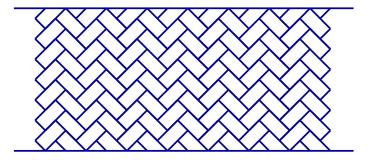


BICYCLE RACK N.T.S.

DELAWARE	BIKE RACK DETAILS						APPROVED CHIEF ENGINEER DATE DATE
DEPARTMENT OF TRANSPORTATION	STANDARD NO.	M-4 (2004)	SHT.	1	OF	1	RECOMMENDED Denis & Off 1/3/65 DESIGN ENGINEER DATE







4" (100) × 8" (200) RUNNING BOND PATTERN

4" (100) × 8" (200) HERRINGBONE PATTERN

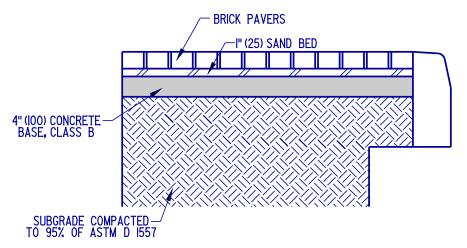
NOTES:

- I. ACTUAL PATTERN TO BE USED SHALL BE SPECIFIED ON THE PLANS. COLOR IS TO BE "BRICK RED" UNLESS OTHERWISE NOTED ON THE PLANS.

 2. MATERIALS AND PAVEMENT BOX VARY DEPENDING ON PLANS.

 3. FOR CROSSWALK APPLICATIONS, 8" (200) WHITE LINES SHOULD BE PLACED ON BOTH SIDES.

 4. THE PATTERNS ABOVE ARE THE PREFERRED PATTERNS AVAILABLE FOR SIDEWALK OR CROSSWALK APPLICATIONS.



BRICK PAVER SIDEWALK DETAIL

NOTES:

- I. ALL PAVERS ARE TO BE "BRICK RED" UNLESS OTHERWISE SPECIFIED ON THE PLANS. THE PATTERN SHALL BE SPECIFIED ON THE PLANS.

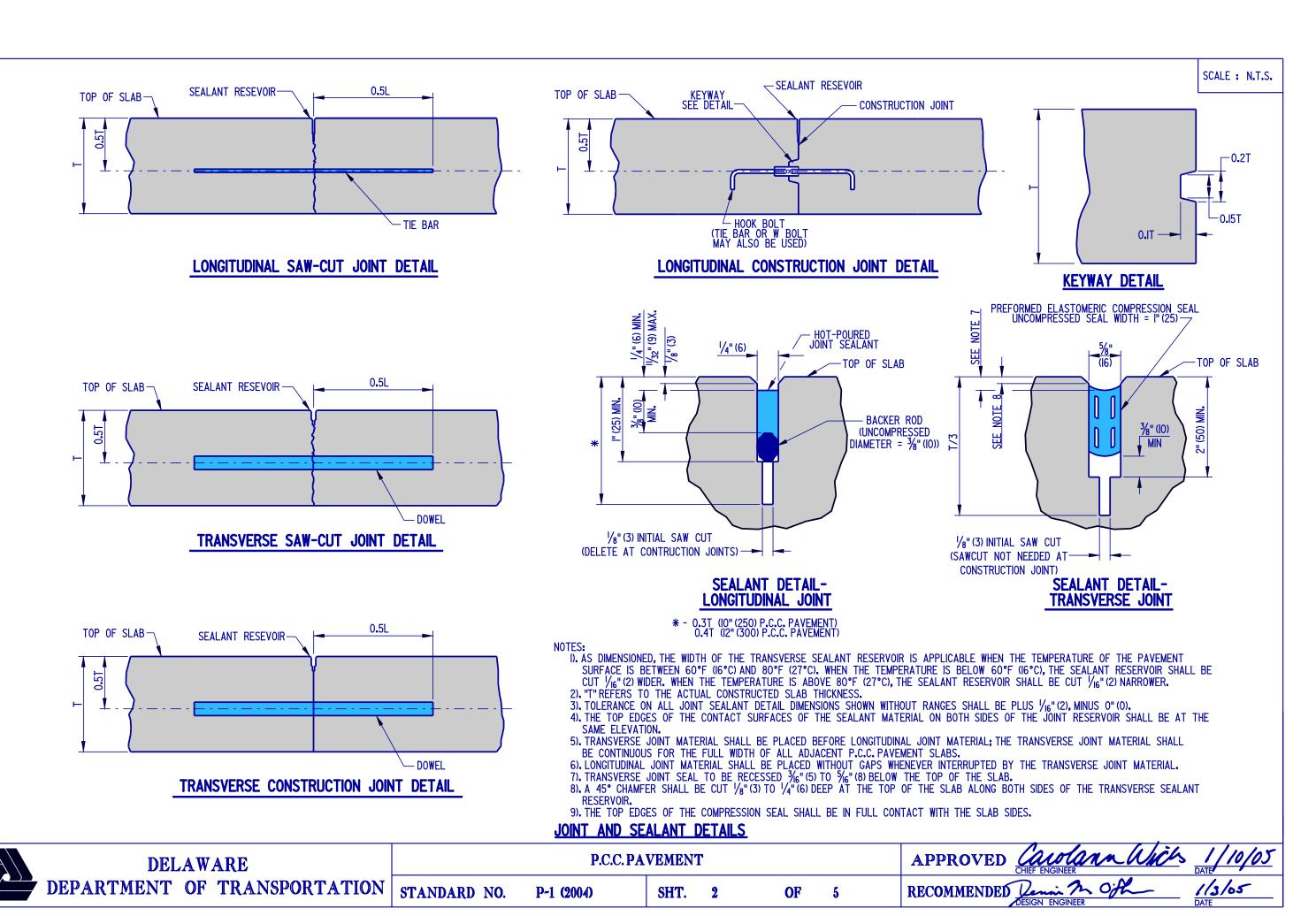
 2. EXPANSION JOINT MAY BE NEEDED ON NON-CURB SIDE OF BRICK PAVER SIDEWALK IF THAT SIDE IS AGAINST BUILDING OR OTHER CONFINING FEATURE.

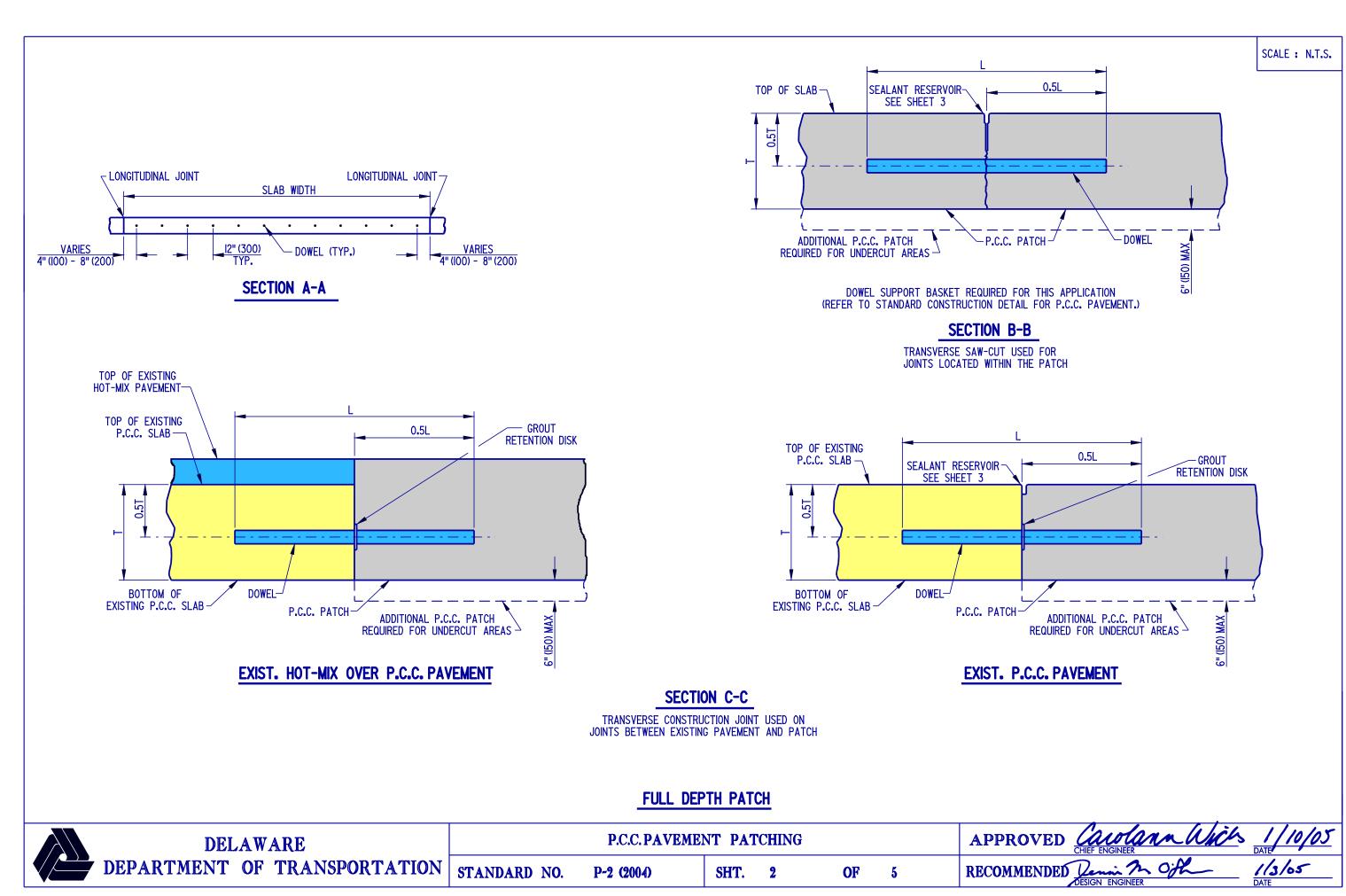
M-6 (2004)

SHT. 1

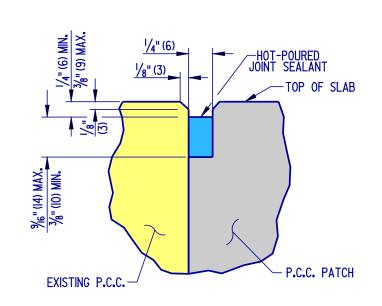
OF

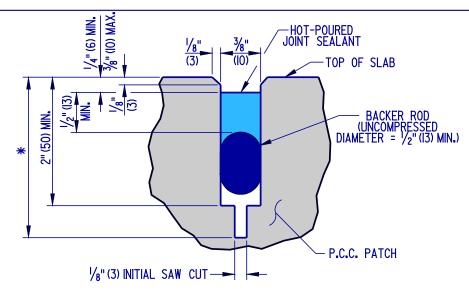
RECOMMENDED











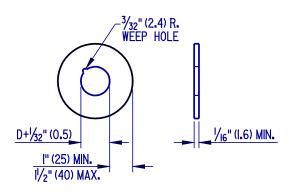
—HOT-POURED JOINT SEALANT TOP OF SLAB BACKER ROD (UNCOMPRESSED DIAMETER = 1/2" (13) MIN.) <u>™</u>© P.C.C. PATCH EXIST. P.C.C. SLAB-

** - 2"(50) MIN. WITH BACKER ROD %"(16) MIN. WITH BOND BREAKER TAPE

SEALANT DETAIL-TRANSVERSE CONSTRUCTION JOINT

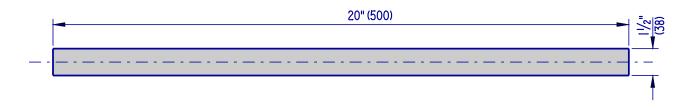
SEALANT DETAIL-LONGITUDINAL JOINT SEALANT DETAIL-TRANSVERSE SAW-CUT JOINT

* - 0.3T (T < 10" (250) P.C.C. PAVEMENT) 0.4T (T > 10" (250) P.C.C. PAVEMENT)



D - DOWEL DIAMETER (INCLUDING PROTECTING COATINGS, IF ANY.)

GROUT RETENTION DISK



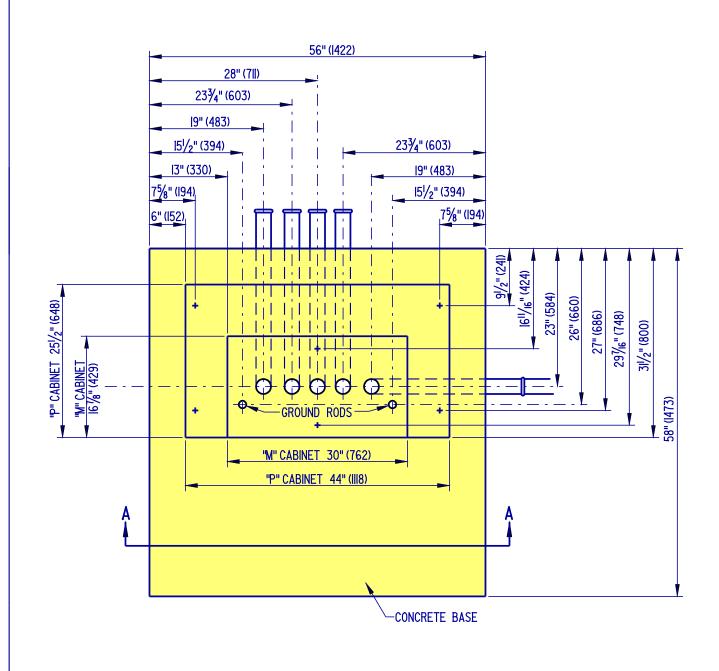
DOWEL BAR

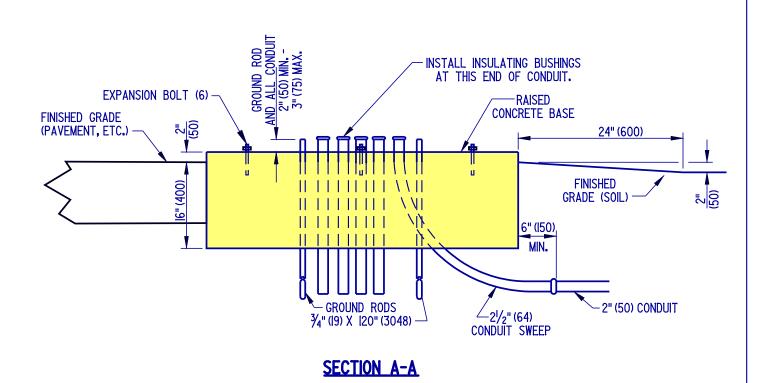
- I). AS DIMENSIONED, THE WIDTH OF THE TRANSVERSE SEALANT RESERVOIR IS APPLICABLE WHEN THE TEMPERATURE
 OF THE PAVEMENT SURFACE IS BETWEEN 60°F (16°C) AND 80°F (27°C). WHEN THE TEMPERATURE IS BELOW 60°F (16°C), THE SEALANT RESERVOIR SHALL BE CUT 1/16" (2) WIDER. WHEN THE TEMPERATURE IS ABOVE 80°F (27°C), THE SEALANT RESERVOIR SHALL BE CUT 1/16" (2) NARROWER.
- 2). "T" REFERS TO THE EXISTING "AS-BUILT" SLAB THICKNESS.
 3). TOLERANCE ON ALL JOINT SEALANT DETAIL DIMENSIONS SHOWN WITHOUT RANGES SHALL BE PLUSS 16" (2), MINUS
- 4). THE TOP EDGES OF THE CONTACT SURFACES OF THE SEALANT MATERIAL ON BOTH SIDES OF THE JOINT RESERVOIR SHALL BE AT THE SAME ELEVATION.

FULL DEPTH PATCH









PLAN VIEW

CONCRETE CABINET BASE

OF

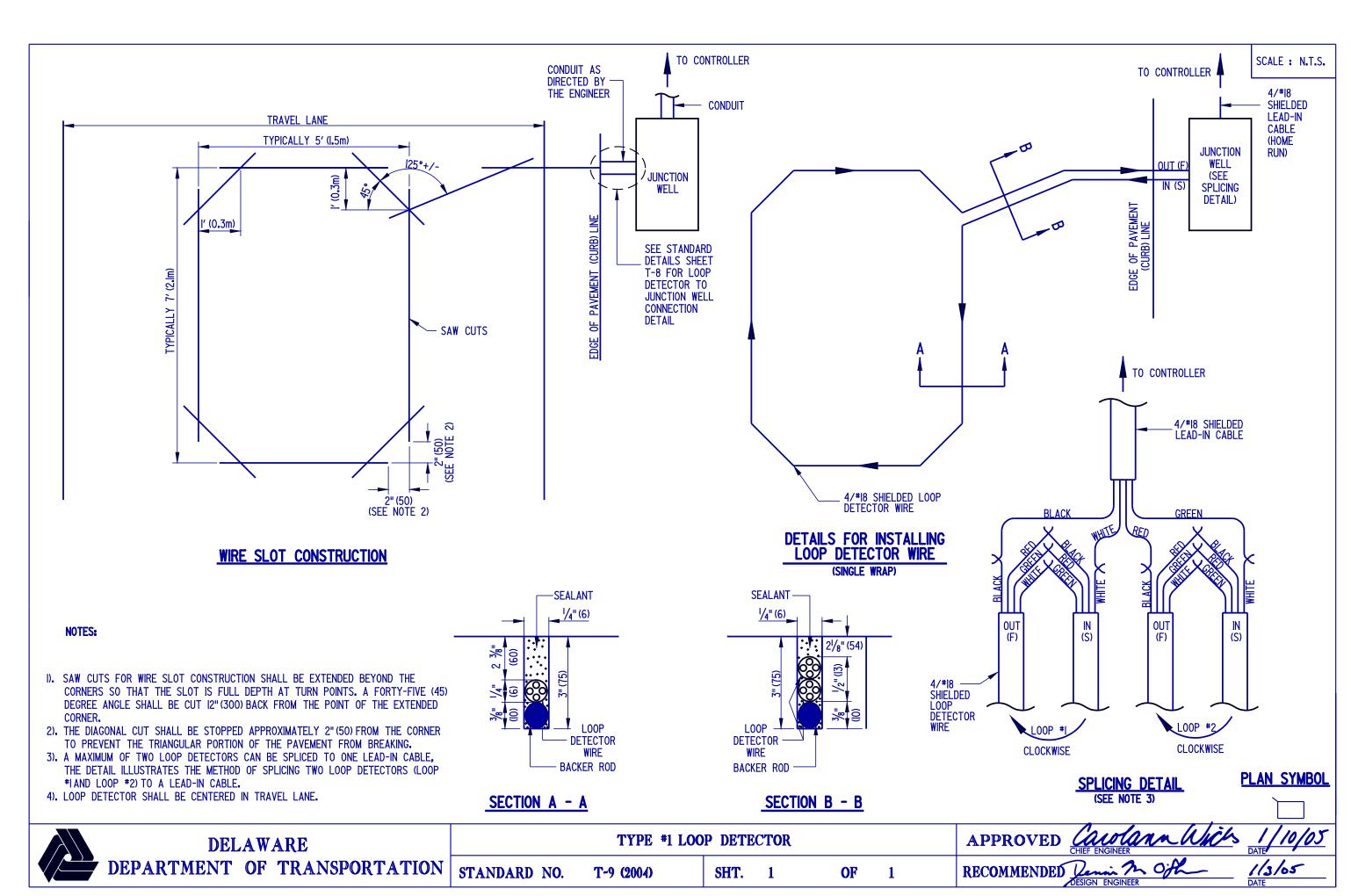
PLAN SYMBOL

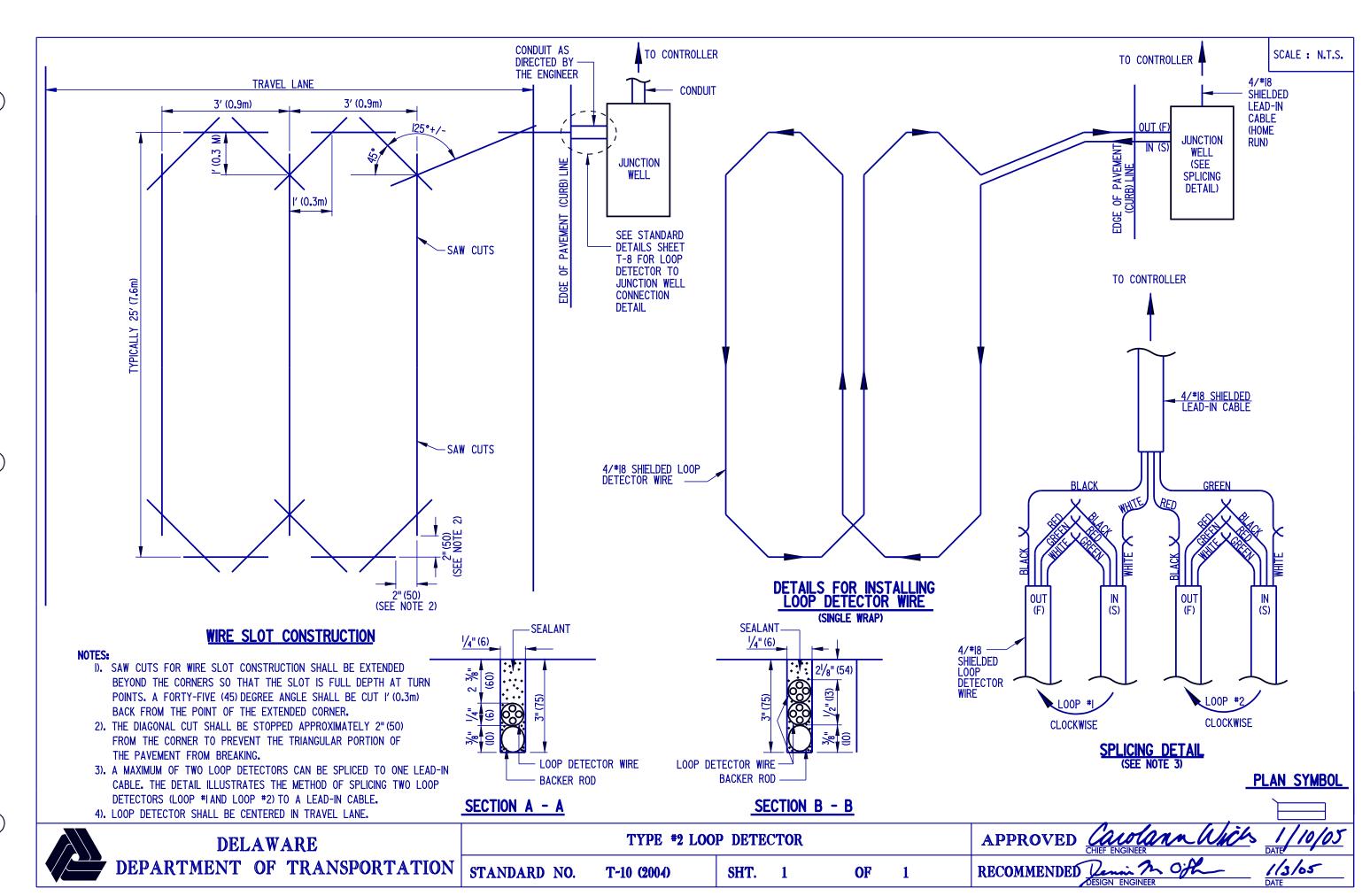
CA

	DELAWARE				
	DEPARTMENT	OF	TRANSPORTATION		

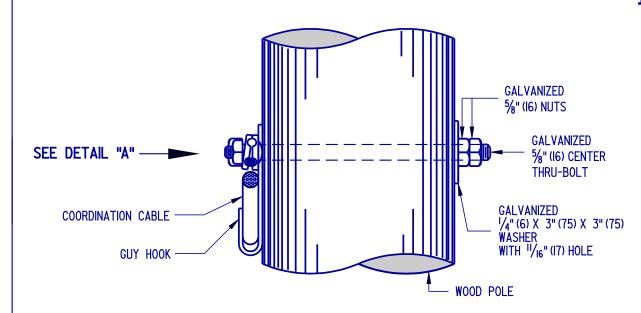
	CABINET	BASES	CTYPES	'M' &	'P'
STANDARD NO.	T-4 (2004)		SHT.	1	

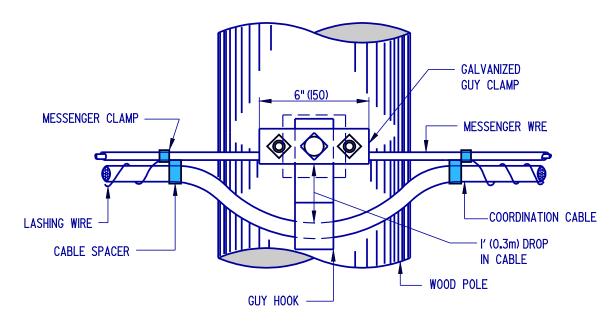
//3/65 DATE





INTERMEDIATE

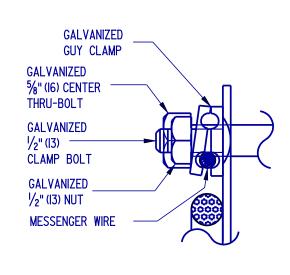


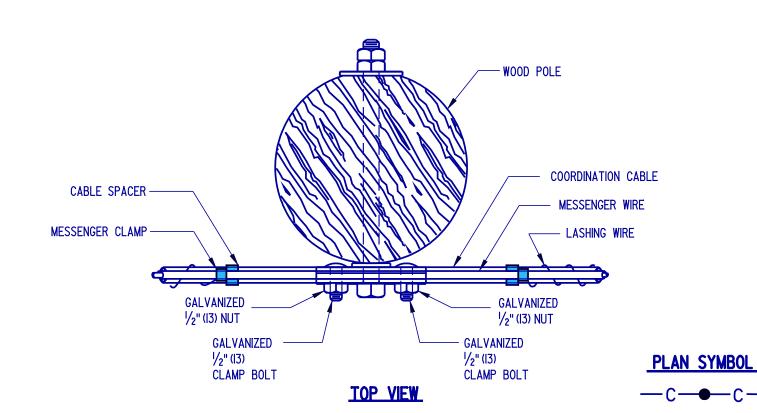


SIDE VIEW

DETAIL "A"







OF

DELAWARE
DEPARTMENT OF TRANSPORTATION

INTERMEDIATE MESSENGER WIRE ATTACHMENT ON WOOD POLES

SHT. 1

T-11 (2004)

STANDARD NO.

APPROVED CHIEF ENGINEER

//3/65 DATE

DEPARTMENT OF TRANSPORTATION

STANDARD NO.

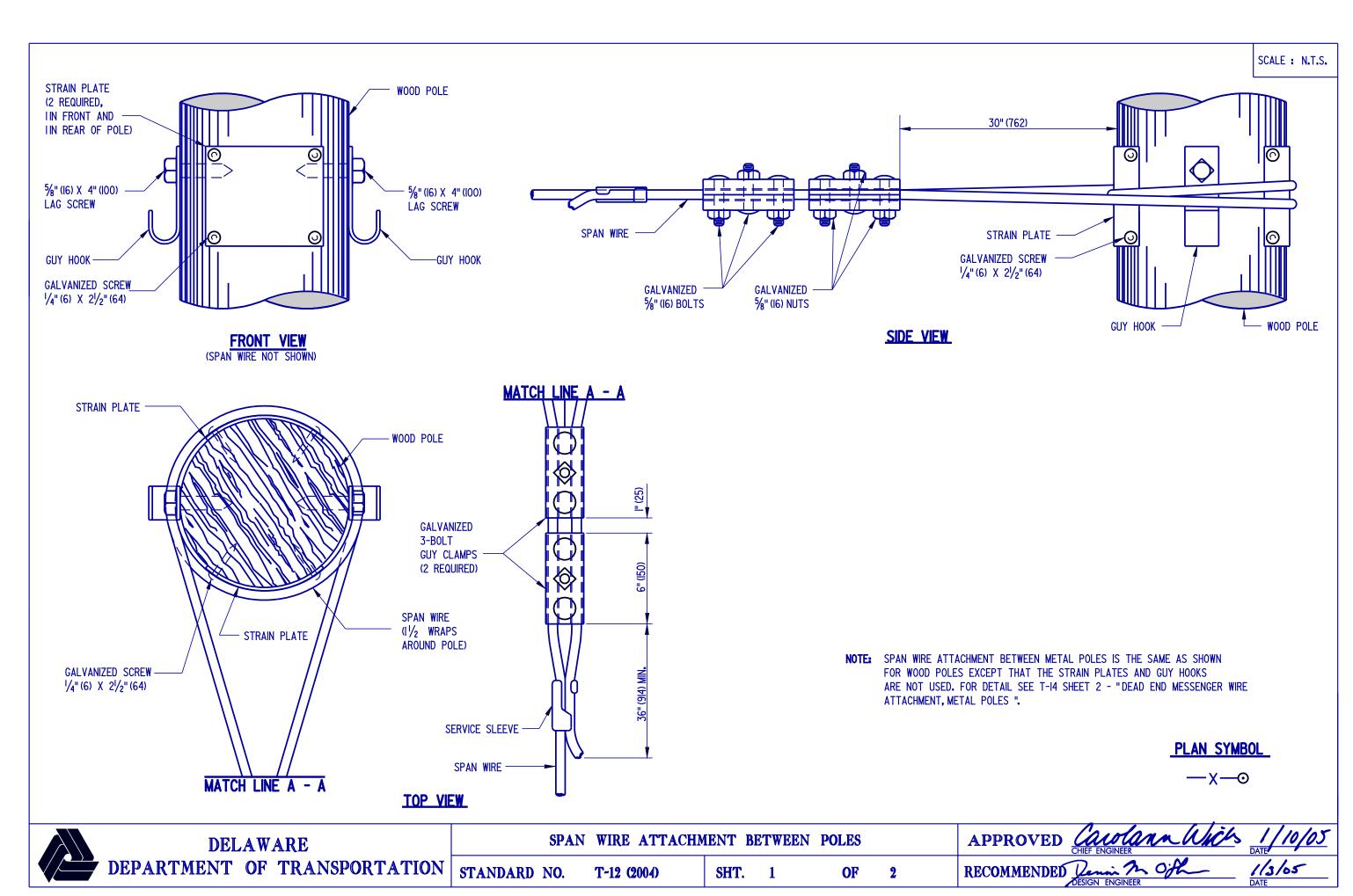
T-11 (2004)

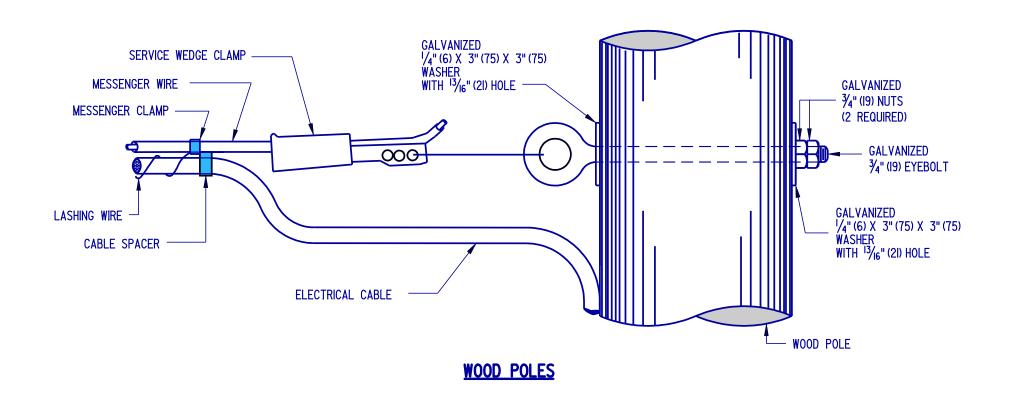
//3/65 DATE

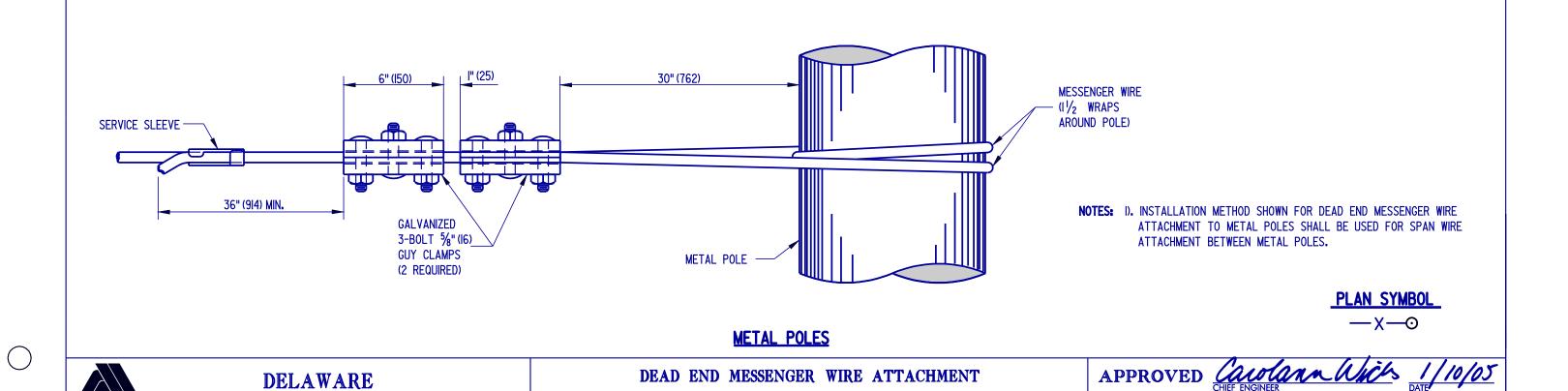
RECOMMENDE

OF

SHT. 2







T-12 (2004)

SHT. 2

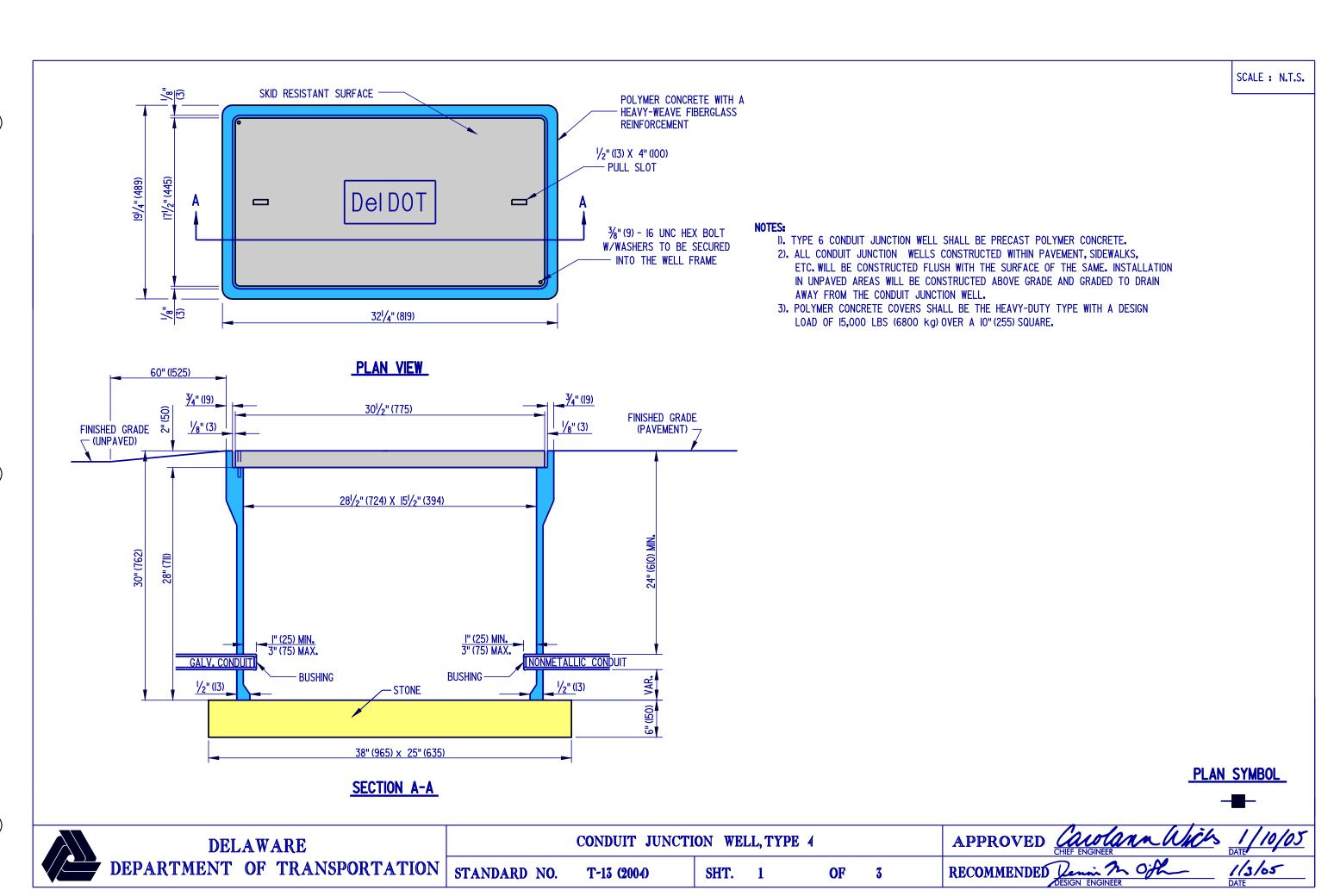
OF

STANDARD NO.

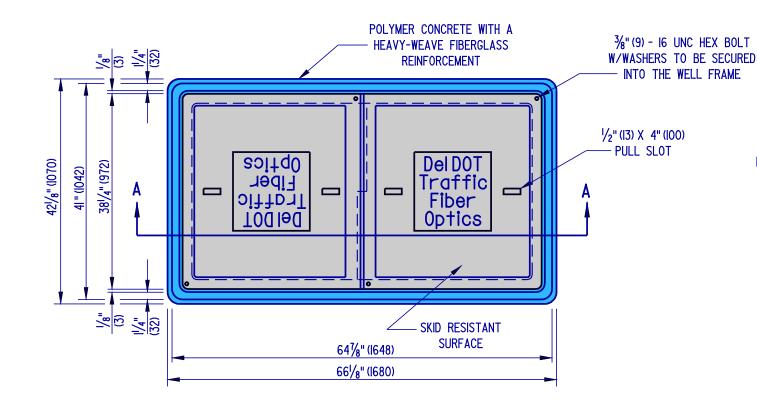
DEPARTMENT OF TRANSPORTATION

//3/65 DATE

RECOMMENDED



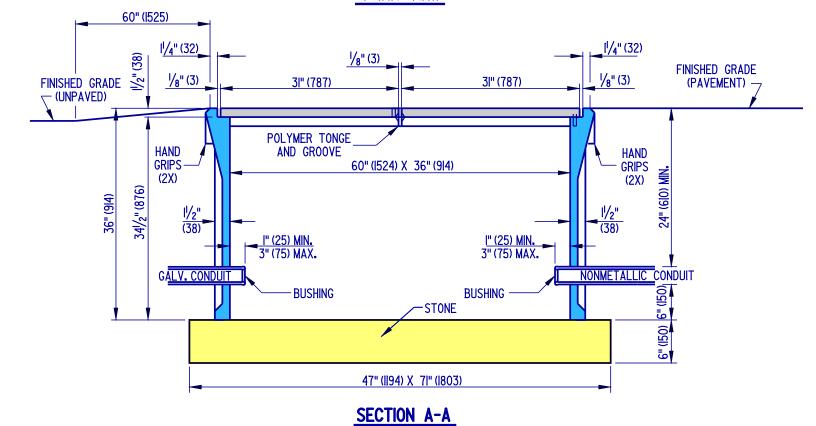




NOTES:

- I). TYPE 7 CONDUIT JUNCTION WELL SHALL BE PRECAST POLYMER CONCRETE.
- 2). ALL CONDUIT JUNCTION WELLS CONSTRUCTED WITHIN PAVEMENT, SIDEWALKS, ETC. WILL BE CONSTRUCTED FLUSH WITH THE SURFACE OF THE SAME. INSTALLATION IN UNPAVED AREAS WILL BE CONSTRUCTED ABOVE GRADE AND GRADED TO DRAIN AWAY FROM THE CONDUIT JUNCTION WELL.
- 3). POLYMER CONCRETE COVERS SHALL BE THE HEAVY DUTY TYPE WITH A DESIGN LOAD OF 15,000 LBS (6800 kg) OVER A 10" (255) SQUARE.

PLAN VIEW



STANDARD NO.

PLAN SYMBOL



DELAWARE DEPARTMENT OF TRANSPORTATION

CONDUIT JUNCTION WELL, TYPE 7

SHT. 2

T-13 (2004)

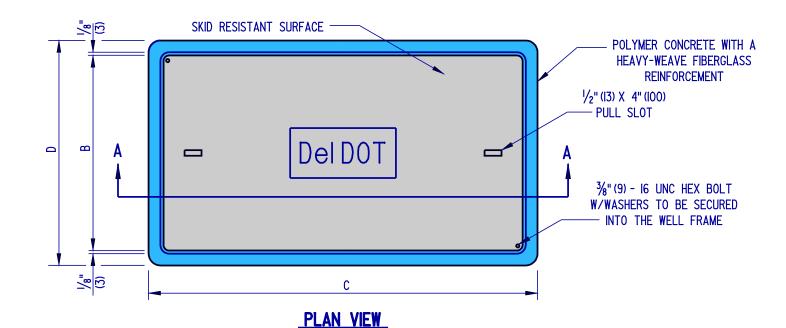
OF

APPROVED

RECOMMENDED

//3/65 DATE

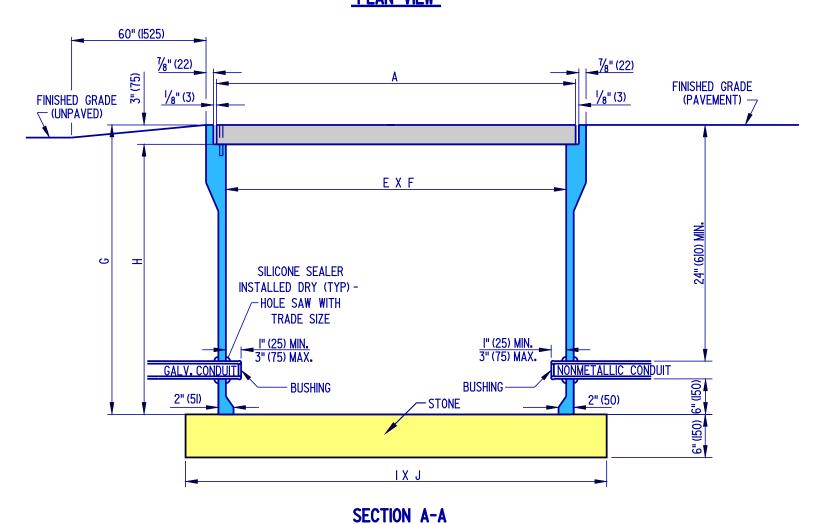




NOTES:

- I). TYPES 8 & IO CONDUIT JUNCTION WELLS SHALL BE PRECAST POLYMER CONCRETE.
- 2). ALL CONDUIT JUNCTION WELLS CONSTRUCTED WITHIN PAVEMENT, SIDEWALKS, ETC. WILL BE CONSTRUCTED FLUSH WITH THE SURFACE OF THE SAME, INSTALLATION IN UNPAVED AREAS WILL BE CONSTRUCTED ABOVE GRADE AND GRADED TO DRAIN AWAY FROM THE CONDUIT JUNCTION WELL.
- 3). POLYMER CONCRETE COVERS SHALL BE THE HEAVY-DUTY TYPE WITH A DESIGN LOAD OF 15,000 LBS (6800 kg) OVER A 10" (255) SQUARE.

DIMENSIONS TYPE 8 TYPE 10 47 %" (1210) 35 %" (905) COVER 30 1/8" (765) 24" (610) 49 %" (1261) 37 %" (956) 32 1/8" (816) 26" (660) 45 %" (1159) 33 %" (860) FRAME 28 1/8" (714) 22 1/4" (565) G 36" (914) 30" (1067) 33" (838) 27" (991) 58" (1473) 46" (1168) BASE 40" (1016) 34" (864)



STANDARD NO.

PLAN SYMBOL



DELAWARE				
DEPARTMENT	OF	TRANSPORTATION		

CONDUIT JUNCTION WELLS, TYPES 8 & 10

SHT. 3

T-13 (2004)

APPROVED

OF

3

RECOMMENDED

1/3/05

